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ANALYSES OF ROCK AND STREAM-SEDIMENT SAMPLES FROM THE
TAYLOR MOUNTAINS C-8 QUADRANGLE, ALASKA

By

Allen L. Clark, W. H. Condon, J. M. Hoare,
and Dennis H. Sorg

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Geological Survey standards

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INTRODUCTION

Analytical data for 28 rock and 226 stream-sediment samples from the Taylor Mountains C-8, 1:63,360-scale quadrangle are presented in this report, together with a statistical treatment of the data. The samples were collected in 1969 as part of the program of the U.S. Geological Survey.

The most comprehensive discussion of the geology of part of the study area is a report by W. M. Cady and others (1955). Additional data of interest is given in Sainsbury and MacKevett (1965) and MacKevett and Berg (1963).

Procedures and treatment of data

Standard procedures were followed in the collection and preparation of samples.

Rock samples are primarily grab samples from mineral occurrences and outcrops. They were chosen for analysis to provide data on background because they were in the area of mineral occurrences or stream-sediment anomalies, because they were strongly iron stained, or contained visible sulfides.

Stream-sediment samples were generally collected from the active stream channel; where this was not possible, samples were collected from bank or terrace deposits adjacent to the channel.

Rock samples were crushed and pulverized and the minus 80 mesh fraction analyzed. Stream-sediment samples were dried, sieved, and the minus 80 mesh fraction analyzed. The minus 80 mesh fractions of the samples were analyzed for 30 elements by the six-step semiquantitative spectrographic method and for gold and mercury by the atomic absorption method.^{1/}

^{1/}Analyses for 29 elements by semiquantitative analyses and for gold and mercury by atomic absorption are given in the tables. Semiquantitative analyses for gold are omitted.

The spectrographic analyses were reported in percentage (pct) or parts per million (ppm) to the nearest number in the series 1.0, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc. The precision of a reported value is approximately plus 100 percent or minus 50 percent. Analyses for gold by the atomic absorption method are accurate to ± 100 percent. Minimum limits of determination for each element are given on page 4. Semi-quantitative spectrographic analyses were done by K. J. Curry and atomic absorption analyses were done by R. L. Miller, R. B. Tripp, H. D. King, A. L. Meier, D. G. Murrey, and J. R. Hassemer.

Locations of the rock and stream-sediment samples are shown on Plate 1. Rock sample descriptions are given in table 1 and rock sample analyses are tabulated in table 2 and stream-sediment analyses are tabulated in table 3.

The results of the analyses of the rock and stream-sediment analyses have been processed by means of a computer program known as GEOSUM and are presented in tables 2 and 3. The GEOSUM program is designed primarily for summarizing and tabulating geochemical data--especially data from semiquantitative spectrographic analyses (commonly referred to as six-step spectrographic analyses) by the laboratories of the U.S. Geological Survey.

The program output consists of: (a) a tabulation of the data, (b) histograms and cumulative frequency distributions for all elements except tungsten, and (c) a statistical summary which includes geometric means and geometric deviations.

Table 1.--Description of rock, vein, and altered zone samples from the Taylor Mountains C-8 quadrangle. (All samples are of representative material.) Sample localities are shown by sample number plotted on the accompanying map, Plate 1.

<u>Sample No.</u>	<u>Lab. No.</u>	<u>Sample Description</u>
1	AMM-011	Graywacke
2	AMG-883	Quartz vein with minor arsenopyrite
2	-882	Quartz vein with minor arsenopyrite
3	AMM-780	Silicified quartz diorite with arsenopyrite veinlets
4	-841	Quartzite with minor pyrite
4	-842	Quartzite with minor pyrite
4	-843	Quartzite with minor pyrite
4	-844	Graywacke
4	-845	Graywacke
4	-846	Graywacke
4	-847	Graywacke
5	-871	Iron-stained hornfels with minor arsenopyrite
6	-848	Stibnite and quartz vein
6	-849	Stibnite and quartz vein
6	-850	Stibnite and quartz vein
7	-794	Iron-stained rhyolite dike
8	-795	Iron-stained hornfels
9	-796	Felsite dike
10	-797	Sheared and siliceous siltstone
11	-640	Iron-stained hornfels
11	-641	Rhyolite dike
11	-642	Copper-stained, quartz-veined hornfels
11	-643	Copper-stained, quartz-veined hornfels
11	-644	Copper-stained, quartz-veined hornfels
12	-798	Hornfelsed graywacke
13	-799	Quartz-epidote hornfels with copper stain
13	-777	Quartz-epidote hornfels with copper stain
14	-012	Graywacke

Explanation of Tables 2 and 3

Analytical results from rock and stream-sediment samples are given in Tables 2 and 3 as analytical values such as 7.0000 ppm, 10.0000 percent, etc., or as qualified values expressed as a letter. These letter codes are N = not detected, L = less than specified limit of detection, G = greater than value shown, B = no data, H = interference. The term T = trace, but does not occur in these data. Note that the right-most zero digits for each analytical value may or may not be significant. The specified limits of detection are as follows:

Specified limits of detection

FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM
0.05000	0.02000	0.05000	0.00200	20.00000	0.10000
AS PPM	AU PPM	B PPM	BA PPM	BE PPM	BI PPM
0.20000	0.02000	10.00000	20.00000	1.00000	10.00000
CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM
5.00000	5.00000	2.00000	20.00000	2.00000	10.00000
NI PPM	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM
2.00000	10.00000	0.50000	5.00000	10.00000	50.00000
V PPM	W PPM	Y PPM	ZN PPM	ZR PPM	HG PPM
5.00000	50.00000	5.00000	25.00000	10.00000	0.01000

Semiquantitative spectrographic analyses by the U.S. Geological Survey are reported as geometric midpoints (1.0, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.) of geometric brackets having the boundaries 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.12, 0.083, etc. The frequency distributions and histograms are on logarithmic scales and are computed using these brackets as class intervals, for example:

Reported value (ppm)	Limits	
1.0	.83	1.2
1.5	1.2	1.8
2.0	1.8	2.6
3.0	2.6	3.8
5.0	3.8	5.6
7.0	5.6	8.3
10 0	8.3	12.0

On the histograms decimal numbers are shown as powers of 10, for example:

7.0E-01 means 7.0×10^{-1} or 0.7

7.0E 00 means 7.0×10^0 or 7.0

7.0E 01 means 7.0×10^1 or 70.0

7.0E 02 means 7.0×10^2 or 700.0

7.0E 03 means 7.0×10^3 or 7,000.0

The histograms are constructed of X's, each of which represents 1 percent of the total number (309) of samples.

The histograms and the statistics given below them are derived only from data values within the ranges of analytical determination ("analytical values"). The histograms are, therefore, incomplete, and the statistics are biased if data values qualified with N, L, C, T, or H codes are present. (See the histogram and statistics below it for tin, which are calculated from only one sample.) Statistical estimates that are unbiased in this regard are given at the end of Tables 2 and 3. The geometric mean is the antilogarithm of the arithmetic mean of the logs of the analyses and an estimate of "central tendency," or of a characteristic value, of a frequency distribution that is approximately symmetrical on a log scale, and is therefore useful for characterizing many geochemical distributions. The geometric mean is not an estimate of geochemical abundance. The geometric deviation is the antilogarithm of the standard deviation of the logs of the analyses. See USGS Professional Paper 574-B for further discussion and USGS Bulletin 1147E, p. 20-23, for further discussion and explanation of geometric deviation.

In the computations performed to produce the statistical summary at the end of Tables 2 and 3, all elements are ignored where one or more of the unqualified data values is less than the analytical limit of detection specified on input or where any data values are qualified with the G (greater than) code. Data values qualified with B or H are not used in the computations. Where none of the data values for an element are qualified the mean and deviation should be the same as those given in the preceding section. Where data are qualified with the codes N, L, or T, the estimates of geometric mean and deviation are based on a method by A. J. Cohen for treating censored distributions. The application of this method of geochemical problems is described in USGS Professional Paper 574-B. The estimates are unbiased in a strict sense only where the data are derived from a lognormal parent population, but experiments have shown that large departures from this requirement may not greatly invalidate the results. Acceptance and use of the estimates, however, is the responsibility of the individual.

Anomalous areas

Area I

Anomalous concentrations of gold, silver, arsenic, copper, antimony, tin, and mercury are associated with hornfelsed shale and graywacke near localities 11, 12, and 13 (Plate 1).

Hornfelsing of the shale and graywacke is associated with a northwest trending rhyolite to dacite dike, approximately 15 feet wide, which intrudes the area. The dike is limonite stained and locally contains small cavities which are lined by small apple green crystals of bindheimite(?). Acicular crystals of tourmaline form small clots in the dike approximately 1/4 inch in diameter.

The hornfels is dark gray and characteristically has a purple hue. The hornfels is cut by numerous small quartz veins approximately 1/4 inch wide which normally carry 1-2 percent arsenopyrite. Fracture surfaces locally are copper stained by malachite and scorodite is common throughout the area.

Arsenopyrite and minor chalcopyrite were the only ore minerals identified in hand specimens. The high concentration of antimony suggest that stibnite may also be present.

The extent of mineralized rock is not known. However, it appears to be a local feature associated with the rhyolite to dacite dike which intrudes the area.

Area II

Anomalous concentrations of gold, antimony, silver, and mercury are associated with a massive quartz-stibnite vein at locality 6 (Plate 1).

The exact mode of occurrence of the quartz-stibnite vein could not be determined because of colluvial cover. The vein appears to occur in a sheared contact between medium-grained biotite diorite and hornfelsed quartzites and shale. The zone containing the vein trends approximately N. 50 W., is nearly vertical, and where observed at least 2 feet wide.

The quartz-stibnite vein material occurring as pods and lenses occurs in a fault gouge and breccia composed of altered biotite diorite. The pods and lenses range in thickness from one inch to over 6 inches. Polished sections of the vein material show that the margins are

quartz and stibnite rich. The center of the vein is composed of silicified fragments of biotite diorite in a matrix of quartz. Pyrite commonly is concentrated at the margins of the altered fragments.

Stibnite occurs as small euhedral bladed crystals which appear to float in the quartz matrix. Locally, pods of massive thickly bladed stibnite occur.

Native gold occurs as individual anhedral grains, approximately 0.02 mm. in diameter and is associated with the stibnite rich margins of the pods and lenses. Because of interference by antimony, atomic absorption analyses for gold were not possible. Three samples of vein material were submitted for fire assay and yielded gold values of 100, 94, and 82 ppm. The three samples were random selections from approximately 20 samples collected.

Cinnabar was panned from the small tributary draining the vein area. However, none was observed in the samples collected.

The mode of occurrence and extent of the vein is poorly known. Vein material was only observed in places in two closely spaced areas. Colluvial cover prevents surface tracing of the vein. Available information indicates the occurrence is small and of a local nature.

Selected References

Cady, W. M., Wallace, R. E., Hoare, J. M., and Weber, E. J., 1955, The central Kuskokwim region, Alaska: U.S. Geol. Survey Prof. Paper 268, 132 p.

MacKevett, E. M., Jr., and Berg, H. C., 1963, Geology of the Red Devil quicksilver mine: U.S. Geol. Survey Bull. 1142-G, 16 p.

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1967, Methods of computation for estimating geochemical abundance: U.S. Geol. Survey Prof. Paper 574-B, 15 p.

Sainsbury, C. L., and MacKevett, E. M., Jr., 1965, Quicksilver deposits of southwestern Alaska: U.S. Geol. Survey Bull. 1187, 89 p.

TABLE 2. TAYLOR MOUNTAINS C-8 ROCK

SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
1 AMM011	10.0000	3.0000	2.0000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	20.0000	500.0000
2 AMG883	3.0000	0.3000	0.7000	0.1000	500.0000	0.5000N	200.0000N	10.0000N	30.0000	150.0000
2 AMG882	1.5000	0.1500	1.0000	0.1500	300.0000	0.5000N	200.0000N	10.0000N	15.0000	200.0000
3 AMM780	0.5000	0.1500	0.5000	0.0700	150.0000	0.5000N	200.0000N	10.0000N	20.0000	100.0000
4 AMM841	7.0000	1.0000	0.2000	0.5000	200.0000	0.5000N	200.0000N	10.0000N	20.0000	500.0000
4 AMM842	7.0000	1.5000	2.0000	0.1500	700.0000	0.5000N	200.0000N	10.0000N	10.0000L	300.0000
4 AMM843	7.0000	0.7000	0.7000	1.0000G	700.0000	0.5000N	200.0000N	10.0000N	10.0000	700.0000
4 AMM844	15.0000	0.7000	0.7000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	10.0000	300.0000
4 AMM845	10.0000	1.0000	0.7000	1.0000G	1000.0000	0.5000N	200.0000N	10.0000N	20.0000	700.0000
4 AMM846	7.0000	1.0000	0.7000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	10.0000	500.0000
4 AMM847	20.0000	0.5000	0.7000	1.0000G	2000.0000	0.5000L	1000.0000	10.0000N	10.0000	200.0000
5 AMM871	20.0000G	0.0200L	0.0500	0.0100	70.0000	0.7000	10001.0000G	10.0000	10.0000L	150.0000
6 AMM848	2.0000	0.2000	0.5000	0.0020	150.0000	2.0000	300.0000	10.0000N	10.0000L	50.0000
6 AMM849	3.0000	0.0200L	0.0700	0.0150	70.0000	5.0000	200.0000	100.0000	10.0000	70.0000
6 AMM850	15.0000	2.0000	0.1000	0.7000	150.0000	0.5000N	200.0000N	10.0000N	150.0000	150.0000
7 AMM794	5.0000	0.0200	0.0500L	0.0100	70.0000	0.5000N	200.0000N	10.0000N	50.0000	20.0000
8 AMM795	5.0000	0.3000	1.0000	0.2000	700.0000	0.5000N	200.0000N	10.0000N	30.0000	500.0000
9 AMM796	3.0000	2.0000	10.0000	0.1500	500.0000	0.5000N	200.0000N	10.0000N	2000.0000G	100.0000
10 AMM797	7.0000	1.5000	1.0000	0.2000	500.0000	0.5000N	200.0000N	10.0000N	300.0000	700.0000
11 AMM640	3.0000	2.0000	0.7000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	300.0000	700.0000
11 AMM641	3.0000	0.2000	0.0700	0.2000	100.0000	0.5000	3000.0000	10.0000N	2000.0000G	300.0000
11 AMM642	5.0000	3.0000	5.0000	0.3000	1500.0000	3.0000	200.0000L	10.0000N	1500.0000	100.0000
11 AMM643	5.0000	1.5000	2.0000	0.3000	700.0000	3.0000L	200.0000N	10.0000N	1500.0000	1000.0000
11 AMM644	5.0000	1.5000	2.0000	0.3000	1000.0000	5.0000	200.0000N	10.0000N	2000.0000	700.0000
12 AMM798	10.0000	1.5000	1.5000	0.3000	700.0000	0.5000	200.0000N	10.0000N	2000.0000	1000.0000
13 AMM799	15.0000	1.5000	7.0000	0.2000	5000.0000G	200.0000	500.0000	10.0000N	2000.0000G	20.0000
13 AMM777	10.0000	1.5000	7.0000	0.2000	5000.0000G	15.0000	500.0000	10.0000N	2000.0000G	200.0000
14 AMM012	2.0000	0.7000	0.0700	0.0700	1500.0000	0.5000N	200.0000L	10.0000N	20.0000	200.0000

TAYLOR MOUNTAINS C-8 ROCK

SAMPLE	BE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM
1 AMM011	1.0000L	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000N	5.0000N	10.0000	70.0000
2 AMG883	1.0000	10.0000N	20.0000N	5.0000N	10.0000	70.0000	150.0000	5.0000N	10.0000L	10.0000
2 AMG882	1.0000	10.0000N	20.0000N	5.0000L	5.0000L	30.0000	20.0000L	5.0000N	10.0000L	5.0000
3 AMM780	1.5000	10.0000N	20.0000N	5.0000N	5.0000	50.0000	30.0000	5.0000N	10.0000L	5.0000
4 AMM841	1.0000L	10.0000N	20.0000N	15.0000	100.0000	20.0000	20.0000	5.0000N	10.0000L	30.0000
4 AMM842	1.0000	10.0000N	20.0000N	15.0000	200.0000	20.0000	20.0000	5.0000N	10.0000L	150.0000
4 AMM843	1.0000L	10.0000N	20.0000N	15.0000	150.0000	20.0000	20.0000	5.0000N	10.0000L	20.0000
4 AMM844	1.0000L	10.0000N	20.0000N	15.0000	300.0000	20.0000	20.0000	5.0000N	10.0000L	15.0000
4 AMM845	1.0000L	10.0000N	20.0000N	15.0000	300.0000	15.0000	20.0000	5.0000N	10.0000L	20.0000
4 AMM846	1.0000L	10.0000N	20.0000N	10.0000	150.0000	15.0000	20.0000	5.0000N	10.0000L	15.0000
4 AMM847	1.0000L	10.0000N	20.0000N	50.0000	300.0000	20.0000	20.0000	5.0000N	10.0000L	30.0000
5 AMM871	1.0000L	10.0000N	20.0000N	1000.0000	5.0000	5.0000	20.0000	5.0000N	10.0000N	50.0000
6 AMM848	1.0000L	10.0000N	20.0000N	5.0000N	5.0000L	15.0000	20.0000	5.0000N	10.0000L	5.0000L
6 AMM849	1.0000L	10.0000N	20.0000N	5.0000N	5.0000L	20.0000	20.0000	5.0000N	10.0000L	5.0000L
6 AMM850	1.0000L	10.0000N	20.0000N	10.0000	300.0000	30.0000	20.0000N	5.0000N	10.0000L	20.0000
7 AMM794	3.0000	10.0000N	20.0000N	5.0000N	5.0000	7.0000	20.0000N	5.0000N	20.0000	5.0000
8 AMM795	2.0000	10.0000N	20.0000N	5.0000	5.0000	7.0000	30.0000	5.0000N	10.0000	5.0000L
9 AMM796	1.0000L	10.0000N	20.0000N	7.0000	100.0000	7.0000	20.0000	5.0000	10.0000L	30.0000
10 AMM797	1.0000	10.0000N	20.0000N	10.0000	150.0000	15.0000	20.0000	5.0000N	10.0000L	50.0000
11 AMM640	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	15.0000	70.0000
11 AMM641	2.0000	20.0000	20.0000N	5.0000L	5.0000L	300.0000	30.0000	5.0000L	15.0000	5.0000L
11 AMM642	2.0000	15.0000	20.0000N	10.0000	70.0000	500.0000	20.0000L	5.0000L	15.0000	70.0000
11 AMM643	1.0000L	10.0000N	20.0000N	20.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	70.0000
11 AMM644	1.0000	10.0000N	20.0000N	20.0000	100.0000	300.0000	20.0000	5.0000L	10.0000	70.0000
12 AMM798	1.5000	15.0000	20.0000N	15.0000	150.0000	200.0000	20.0000	5.0000N	10.0000	100.0000
13 AMM799	2.0000	20.0000	20.0000N	5.0000L	150.0000	15001.0000	20.0000	15.0000	10.0000	20.0000
13 AMM777	3.0000	10.0000	20.0000N	7.0000	150.0000	5000.0000	30.0000	5.0000N	10.0000	50.0000
14 AMM012	1.0000N	10.0000N	20.0000N	30.0000	15.0000	5.0000	20.0000N	5.0000N	10.0000L	30.0000

TAYLOR MOUNTAINS C-8 ROCK

SAMPLE	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
1 AMM011	10.0000	150.0000	30.0000	10.0000N	300.0000	150.0000	50.0000N	20.0000	200.0000N	150.0000
2 AMG883	10.0000L	100.0000N	5.0000	10.0000N	100.0000L	20.0000	50.0000N	20.0000	200.0000N	70.0000
2 AMG882	30.0000	100.0000N	5.0000L	10.0000N	100.0000L	20.0000	50.0000N	20.0000	200.0000N	70.0000
3 AMM780	15.0000	100.0000N	5.0000L	10.0000N	100.0000N	10.0000	50.0000N	15.0000	200.0000N	30.0000
4 AMM841	10.0000L	100.0000N	20.0000	10.0000N	300.0000	300.0000	50.0000N	30.0000	200.0000N	150.0000
4 AMM842	10.0000L	100.0000N	30.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	30.0000
4 AMM843	10.0000L	100.0000	15.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	100.0000
4 AMM844	10.0000N	150.0000	30.0000	10.0000N	100.0000	300.0000	50.0000N	50.0000	200.0000N	200.0000
4 AMM845	10.0000L	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	30.0000	200.0000N	150.0000
4 AMM846	10.0000L	100.0000	15.0000	10.0000N	150.0000	150.0000	50.0000N	200.0000	200.0000N	150.0000
4 AMM847	10.0000L	2000.0000	30.0000	10.0000N	100.0000N	500.0000	50.0000N	50.0000	200.0000N	200.0000
5 AMM871	10.0000L	1500.0000	5.0000L	10.0000N	500.0000	30.0000	50.0000N	10.0000L	200.0000L	10.0000
6 AMM848	10.0000L	10001.0000G	5.0000L	10.0000N	100.0000N	10.0000L	50.0000N	10.0000N	200.0000N	10.0000N
6 AMM849	10.0000	10001.0000G	5.0000L	10.0000N	100.0000L	10.0000L	50.0000N	10.0000N	200.0000N	10.0000N
6 AMM850	10.0000N	200.0000	20.0000	10.0000N	150.0000	500.0000	50.0000N	10.0000	200.0000N	100.0000
7 AMM794	15.0000	100.0000N	5.0000N	15.0000	100.0000N	10.0000	50.0000N	10.0000N	200.0000	50.0000
8 AMM795	15.0000	100.0000N	7.0000	10.0000N	150.0000	20.0000	50.0000N	50.0000	200.0000N	300.0000
9 AMM796	10.0000L	100.0000N	10.0000	10.0000L	200.0000	100.0000	50.0000N	15.0000	200.0000N	100.0000
10 AMM797	15.0000	100.0000N	15.0000	10.0000N	100.0000L	150.0000	50.0000N	15.0000	200.0000N	100.0000
11 AMM640	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000N	20.0000
11 AMM641	3000.0000	300.0000	5.0000	70.0000	100.0000L	20.0000	50.0000N	50.0000	200.0000N	300.0000
11 AMM642	30.0000	150.0000	10.0000	200.0000	150.0000	150.0000	50.0000N	15.0000	200.0000	150.0000
11 AMM643	15.0000	100.0000N	15.0000	30.0000	200.0000	150.0000	50.0000N	20.0000	200.0000N	100.0000
11 AMM644	10.0000L	300.0000	15.0000	30.0000	100.0000	150.0000	50.0000N	20.0000	200.0000L	150.0000
12 AMM798	10.0000	100.0000N	20.0000	10.0000L	150.0000	200.0000	50.0000N	30.0000	200.0000N	100.0000
13 AMM799	10.0000L	10001.0000	15.0000	30.0000	100.0000L	200.0000	50.0000N	20.0000	300.0000	100.0000
13 AMM777	10.0000L	700.0000	15.0000	30.0000	100.0000L	200.0000	50.0000N	20.0000	200.0000N	70.0000
14 AMM012	10.0000N	100.0000L	5.0000N	10.0000N	100.0000L	50.0000	50.0000N	10.0000L	200.0000N	70.0000

TAYLOR MOUNTAINS C-8 ROCK

SAMPLE	AU PPM	HG PPM
1 AMM011	0.0200L	0.0 B
2 AMG883	0.0200L	0.0 B
2 AMG882	0.0200L	0.0 B
3 AMM780	0.0200L	0.8000
4 AMM841	0.0200L	9.0000
4 AMM842	0.0200L	6.0000
4 AMM843	0.3000	10.0000G
4 AMM844	0.1000L	10.0000
4 AMM845	0.0200L	10.0000G
4 AMM846	0.0200L	9.0000
4 AMM847	0.0 B	6.5000
5 AMM871	1.6000	8.0000
6 AMM848	0.0 B	10.0000G
6 AMM849	0.0 B	10.0000G
6 AMM850	0.0600	2.2000
7 AMM794	0.0200L	3.5000
8 AMM795	0.0200L	4.0000
9 AMM796	0.0200L	3.0000
10 AMM797	0.0200L	3.0000
11 AMM640	0.0200L	10.0000G
11 AMM641	0.0200L	10.0000G
11 AMM642	0.0200L	10.0000G
11 AMM643	0.0200L	10.0000G
11 AMM644	0.0200L	10.0000G
12 AMM798	0.0200L	5.5000
13 AMM799	1.5000	2.2000
13 AMM777	0.4000	10.0000G
14 AMM012	0.0200L	0.0 B

FREQUENCY TABLE FOR COLUMN 2 (MG PCT)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
1.8E-02	2.6E-02	1	1	3.57	3.57
2.6E-02	3.8E-02	0	1	0.0	3.57
3.8E-02	5.6E-02	0	1	0.0	3.57
5.6E-02	8.3E-02	0	1	0.0	3.57
8.3E-02	1.2E-01	0	1	0.0	3.57
1.2E-01	1.8E-01	2	3	7.14	10.71
1.8E-01	2.6E-01	2	5	7.14	17.86
2.6E-01	3.8E-01	2	7	7.14	25.00
3.8E-01	5.6E-01	1	8	3.57	28.57
5.6E-01	8.3E-01	3	11	10.71	39.29
8.3E-01	1.2E 00	3	14	10.71	50.00
1.2E 00	1.8E 00	7	21	25.00	75.00
1.8E 00	2.6E 00	3	24	10.71	85.71
2.6E 00	3.8E 00	2	26	7.14	92.86

HISTOGRAM FOR COLUMN 2 (MG PCT)

2.0E-02 XXXX
3.0E-02
5.0E-02
7.0E-02
1.0E-01
1.5E-01 XXXXXXXX
2.0E-01 XXXXXXXX
3.0E-01 XXXXXXXX
5.0E-01 XXXX
7.0E-01 XXXXXXXXXXXXX
1.0E 00 XXXXXXXXXXXXX
1.5E 00 XXXXXXXXXXXXXXXXXXXXXXXX
2.0E 00 XXXXXXXXXXXXX
3.0E 00 XXXXXXXX

N L H B T G
0 2 0 0 0 0
0.0 7.14 0.0 0.0

ANALYTICAL
VALUES
26

MAXIMUM = 3.00000E 00

MINIMUM = 2.00000E-02

GEOMETRIC MEAN = 7.35670E-01

FREQUENCY TABLE FOR COLUMN 3 (CA PCT)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E-02	5.6E-02	1	1	3.57	3.57
5.6E-02	8.3E-02	3	4	10.71	14.29
8.3E-02	1.2E-01	1	5	3.57	17.86
1.2E-01	1.8E-01	0	5	0.0	17.86
1.8E-01	2.6E-01	1	6	3.57	21.43
2.6E-01	3.8E-01	0	6	0.0	21.43
3.8E-01	5.6E-01	2	8	7.14	28.57
5.6E-01	8.3E-01	7	15	25.00	53.57
8.3E-01	1.2E 00	3	18	10.71	64.29
1.2E 00	1.8E 00	1	19	3.57	67.86
1.8E 00	2.6E 00	4	23	14.29	82.14
2.6E 00	3.8E 00	0	23	0.0	82.14
3.8E 00	5.6E 00	1	24	3.57	85.71
5.6E 00	8.3E 00	2	26	7.14	92.86
8.3E 00	1.2E 01	1	27	3.57	96.43

HISTOGRAM FOR COLUMN 3 (CA PCT)

5.0E-02 XXXX
7.0E-02 XXXXXXXXXXXX
1.0E-01 XXXX
1.5E-01
2.0E-01 XXXX
3.0E-01
5.0E-01 XXXXXXXX
7.0E-01 XXXXXXXXXXXXXXXXXXXXXXXX
1.0E 00 XXXXXXXXXXXX
1.5E 00 XXXX
2.0E 00 XXXXXXXXXXXXXXXX
3.0E 00
5.0E 00 XXXX
7.0E 00 XXXXXXXX
1.0E 01 XXXX

N L H B T G
0 1 0 0 0 0
0.0 3.57 0.0 0.0

ANALYTICAL
VALUES
27

MAXIMUM = 1.00000E 01

MINIMUM = 5.00000E-02

GEOMETRIC MEAN = 7.49466E-01

GEOMETRIC DEVIATION = 4.29559E 00

FREQUENCY TABLE FOR COLUMN 4 (TI PCT)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER -	UPPER			FREQ	PERCENT FREQ CUM
1.8E-03 -	2.6E-03	1	1	3.57	3.57
2.6E-03 -	3.8E-03	0	1	0.0	3.57
3.8E-03 -	5.6E-03	0	1	0.0	3.57
5.6E-03 -	8.3E-03	0	1	0.0	3.57
8.3E-03 -	1.2E-02	2	3	7.14	10.71
1.2E-02 -	1.8E-02	1	4	3.57	14.29
1.8E-02 -	2.6E-02	0	4	0.0	14.29
2.6E-02 -	3.8E-02	0	4	0.0	14.29
3.8E-02 -	5.6E-02	0	4	0.0	14.29
5.6E-02 -	8.3E-02	2	6	7.14	21.43
8.3E-02 -	1.2E-01	1	7	3.57	25.00
1.2E-01 -	1.8E-01	3	10	10.71	35.71
1.8E-01 -	2.6E-01	5	15	17.86	53.57
2.6E-01 -	3.8E-01	4	19	14.29	67.86
3.8E-01 -	5.6E-01	2	21	7.14	75.00
5.6E-01 -	8.3E-01	2	23	7.14	82.14

HISTOGRAM FOR COLUMN 4 (TI PCT)

2.0E-03 XXXX
3.0E-03
5.0E-03
7.0E-03
1.0E-02 XXXXXXXX
1.5E-02 XXXX
2.0E-02
3.0E-02
5.0E-02
7.0E-02 XXXXXXXX
1.0E-01 XXXX
1.5E-01 XXXXXXXXXXXX
2.0E-01 XXXXXXXXXXXXXXXXXXXX
3.0E-01 XXXXXXXXXXXXXXXXXXXX
5.0E-01 XXXXXXXX
7.0E-01 XXXXXXXX

N	L	H	B	T	G	ANALYTICAL
0	0	0	0	0	5	VALUES
0.0	0.0			0.0	17.86	23

MAXIMUM = 7.00000E-01
MINIMUM = 2.00000E-03
GEOMETRIC MEAN = 1.24607E-01
GEOMETRIC DEVIATION = 4.45627E 00

FREQUENCY TABLE FOR COLUMN 5 (MN PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	0	0	0.0	0.0
3.8E 01 -	5.6E 01	0	0	0.0	0.0
5.6E 01 -	8.3E 01	3	3	10.71	10.71
8.3E 01 -	1.2E 02	1	4	3.57	14.29
1.2E 02 -	1.8E 02	3	7	10.71	25.00
1.8E 02 -	2.6E 02	1	8	3.57	28.57
2.6E 02 -	3.8E 02	2	10	7.14	35.71
3.8E 02 -	5.6E 02	4	14	14.29	50.00
5.6E 02 -	8.3E 02	5	19	17.86	67.86
8.3E 02 -	1.2E 03	2	21	7.14	75.00
1.2E 03 -	1.8E 03	4	25	14.29	89.29
1.8E 03 -	2.6E 03	1	26	3.57	92.86

HISTOGRAM FOR COLUMN 5 (MN PPM)

7.0E 01 XXXXXXXXXXXX
 1.0E 02 XXXX
 1.5E 02 XXXXXXXXXXXX
 2.0E 02 XXXX
 3.0E 02 XXXXXXXX
 5.0E 02 XXXXXXXXXXXXXXXX
 7.0E 02 XXXXXXXXXXXXXXXXXXXX
 1.0E 03 XXXXXXXX
 1.5E 03 XXXXXXXXXXXXXXXX
 2.0E 03 XXXX

N	L	H	B	T	G
0	0	0	0	0	2
0.0	0.0			0.0	7.14

ANALYTICAL
VALUES
26

MAXIMUM = 2.00000E 03
 MINIMUM = 7.00000E 01
 GEOMETRIC MEAN = 4.25277E 02
 GEOMETRIC DEVIATION = 2.85397E 00

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Chemical structure of 1,2,3,4,5-pentachloro-2,3,4-trimethylbenzene (PCMB) is shown. It consists of a benzene ring with five chlorine atoms at positions 1, 2, 3, 4, and 5, and three methyl groups at positions 2, 3, and 4.

2

1

17	2	0	0	0	0	9
60.71	7.14			0.0	0.0	

MAXIMUM = 2.00000E 02

MINIMUM = 5.00000E-01

GEOMETRIC MEAN = 3.49967E 00

GEOMETRIC DEVIATION = 6.76510E 00

FREQUENCY TABLE FOR COLUMN 7 (AS PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER -	UPPER				
1.8E 02 -	2.6E 02	1	1	3.57	3.57
2.6E 02 -	3.8E 02	1	2	3.57	7.14
3.8E 02 -	5.6E 02	2	4	7.14	14.29
5.6E 02 -	8.3E 02	0	4	0.0	14.29
8.3E 02 -	1.2E 03	1	5	3.57	17.86
1.2E 03 -	1.8E 03	0	5	0.0	17.86
1.8E 03 -	2.6E 03	0	5	0.0	17.86
2.6E 03 -	3.8E 03	1	6	3.57	21.43

HISTOGRAM FOR COLUMN 7 (AS PPM)

2.0E 02 XXXX
 3.0E 02 XXXX
 5.0E 02 XXXXXXXX
 7.0E 02
 1.0E 03 XXXX
 1.5E 03
 2.0E 03
 3.0E 03 XXXX

ANALYTICAL VALUES					
N	L	H	B	T	G
19	2	0	0	0	1
67.86	7.14			0.0	3.57

MAXIMUM = 3.00000E 03

MINIMUM = 2.00000E 02

GEOMETRIC MEAN = 5.96392E 02

GEOMETRIC DEVIATION = 2.61090E 00

FREQUENCY TABLE FOR COLUMN 8 (AU PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	1	1	3.57	3.57
1.2E 01 -	1.8E 01	0	1	0.0	3.57
1.8E 01 -	2.6E 01	0	1	0.0	3.57
2.6E 01 -	3.8E 01	0	1	0.0	3.57
3.8E 01 -	5.6E 01	0	1	0.0	3.57
5.6E 01 -	8.3E 01	0	1	0.0	3.57
8.3E 01 -	1.2E 02	1	2	3.57	7.14

HISTOGRAM FOR COLUMN 8 (AU PPM)

1.0E 01 XXXX

1.5E 01

2.0E 01

3.0E 01

5.0E 01

7.0E 01

1.0E 02 XXXX

ANALYTICAL
VALUES 2

N	L	H	B	T	G
26	0	0	0	0	0
92.86	0.0			0.0	0.0

MAXIMUM = 1.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 3.16227E 01

GEOMETRIC DEVIATION = 5.09457E 00

FREQUENCY TABLE FOR COLUMN 9 (B PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
8.3E 00	1.2E 01	5	5	17.86	17.86
1.2E 01	1.8E 01	1	6	3.57	21.43
1.8E 01	2.6E 01	5	11	17.86	39.29
2.6E 01	3.8E 01	2	13	7.14	46.43
3.8E 01	5.6E 01	1	14	3.57	50.00
5.6E 01	8.3E 01	0	14	0.0	50.00
8.3E 01	1.2E 02	0	14	0.0	50.00
1.2E 02	1.8E 02	1	15	3.57	53.57
1.8E 02	2.6E 02	0	15	0.0	53.57
2.6E 02	3.8E 02	2	17	7.14	60.71
3.8E 02	5.6E 02	0	17	0.0	60.71
5.6E 02	8.3E 02	0	17	0.0	60.71
8.3E 02	1.2E 03	0	17	0.0	60.71
1.2E 03	1.8E 03	2	19	7.14	67.86
1.8E 03	2.6E 03	2	21	7.14	75.00

HISTOGRAM FOR COLUMN 9 (B PPM)

1.0E 01 XXXXXXXXXXXXXXXXXXXX
1.5E 01 XXXX
2.0E 01 XXXXXXXXXXXXXXXXXXXX
3.0E 01 XXXXXXXX
5.0E 01 XXXX
7.0E 01
1.0E 02
1.5E 02 XXXX
2.0E 02
3.0E 02 XXXXXXXX
5.0E 02
7.0E 02
1.0E 03
1.5E 03 XXXXXXXX
2.0E 03 XXXXXXXX

N L
0 3
0.0 10.71

H
0

B
0

T
0
0.0

G
4
14.29

ANALYTICAL
VALUES
21

MAXIMUM = 2.00000E 03

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 6.05138E 01

GEOMETRIC DEVIATION = 7.05452E 00



FREQUENCY TABLE FOR COLUMN 10 (BA PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
1.8E 01	2.6E 01	2	2	7.14	7.14
2.6E 01	3.8E 01	0	2	0.0	7.14
3.8E 01	5.6E 01	1	3	3.57	10.71
5.6E 01	8.3E 01	1	4	3.57	14.29
8.3E 01	1.2E 02	3	7	10.71	25.00
1.2E 02	1.8E 02	3	10	10.71	35.71
1.8E 02	2.6E 02	4	14	14.29	50.00
2.6E 02	3.8E 02	3	17	10.71	60.71
3.8E 02	5.6E 02	4	21	14.29	75.00
5.6E 02	8.3E 02	5	26	17.86	92.86
8.3E 02	1.2E 03	2	28	7.14	100.00

HISTOGRAM FOR COLUMN 10 (BA PPM)

2.0E 01 XXXXXXXX
3.0E 01
5.0E 01 XXXX
7.0E 01 XXXX
1.0E 02 XXXXXXXXXXXX
1.5E 02 XXXXXXXXXXXX
2.0E 02 XXXXXXXXXXXXXXXX
3.0E 02 XXXXXXXXXXXXXXXX
5.0E 02 XXXXXXXXXXXXXXXX
7.0E 02 XXXXXXXXXXXXXXXXXXXX
1.0E 03 XXXXXXXX

N L H B T G
0 0 0 0 0 0
0.0 0.0 0.0 0.0

ANALYTICAL
VALUES
28

MAXIMUM = 1.00000E 03
MINIMUM = 2.00000E 01
GEOMETRIC MEAN = 2.33867E 02
GEOMETRIC DEVIATION = 2.94571E 00

FREQUENCY TABLE FOR COLUMN 11 (BE PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
8.3E-01 -	1.2E 00	6	6	21.43	21.43
1.2E 00 -	1.8E 00	2	8	7.14	28.57
1.8E 00 -	2.6E 00	4	12	14.29	42.86
2.6E 00 -	3.8E 00	2	14	7.14	50.00

HISTOGRAM FOR COLUMN 11 (BE PPM)

1.0E 00 XXXXXXXXXXXXXXXXXXXX

1.5E 00 XXXXXXXX

2.0E 00 XXXXXXXXXXXXXXXXXXXX

3.0E 00 XXXXXXXX

N	L	H	B	T	G	ANALYTICAL VALUES
1	13	0	0	0	0	14
3.57	46.43			0.0	0.0	

MAXIMUM = 3.00000E 00

MINIMUM = 1.00000E 00

GEOMETRIC MEAN = 1.51121E 00

GEOMETRIC DEVIATION = 1.51978E 00

FREQUENCY TABLE FOR COLUMN 12 (81 PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER -	UPPER			FREQ	FREQ CUM
8.3E 00 -	1.2E 01	1	1	3.57	3.57
1.2E 01 -	1.8E 01	2	3	7.14	10.71
1.8E 01 -	2.6E 01	2	5	7.14	17.86

HISTOGRAM FOR COLUMN 12 (81 PPM)

1.0E 01 XXXX

1.5E 01 XXXXXXXX

2.0E 01 XXXXXXXX

						ANALYTICAL VALUES
N	L	H	B	T	G	
23	0	0	0	0	0	5
82.14	0.0			0.0	0.0	

MAXIMUM = 2.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.55184E 01

GEOMETRIC DEVIATION = 1.32933E 00

[illegible]

FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
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N	L	H	B	T	G	VALUES
28	0	0	0	0	0	0
*****	0.0			0.0	0.0	

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FREQUENCY TABLE FOR COLUMN 14 (CO PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER	UPPER				
3.8E 00	5.6E 00	1	1	3.57	3.57
5.6E 00	8.3E 00	2	3	7.14	10.71
8.3E 00	1.2E 01	4	7	14.29	25.00
1.2E 01	1.8E 01	6	13	21.43	46.43
1.8E 01	2.6E 01	3	16	10.71	57.14
2.6E 01	3.8E 01	2	18	7.14	64.29
3.8E 01	5.6E 01	1	19	3.57	67.86
5.6E 01	8.3E 01	0	19	0.0	67.86
8.3E 01	1.2E 02	0	19	0.0	67.86
1.2E 02	1.8E 02	0	19	0.0	67.86
1.8E 02	2.6E 02	0	19	0.0	67.86
2.6E 02	3.8E 02	0	19	0.0	67.86
3.8E 02	5.6E 02	0	19	0.0	67.86
5.6E 02	8.3E 02	0	19	0.0	67.86
8.3E 02	1.2E 03	1	20	3.57	71.43

HISTOGRAM FOR COLUMN 14 (CO PPM)

5.0E 00 XXXX
7.0E 00 XXXXXXXX
1.0E 01 XXXXXXXXXXXXXXXX
1.5E 01 XXXXXXXXXXXXXXXXXXXX
2.0E 01 XXXXXXXXXXXX
3.0E 01 XXXXXXXX
5.0E 01 XXXX
7.0E 01
1.0E 02
1.5E 02
2.0E 02
3.0E 02
5.0E 02
7.0E 02
1.0E 03 XXXX

N	L	H	B	T	G
5	3	0	0	0	0
17.86	10.71			0.0	0.0

ANALYTICAL
VALUES
20

MAXIMUM = 1.00000E 03

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 1.77868E 01

GEOMETRIC DEVIATION = 2.98634E 00

FREQUENCY TABLE FOR COLUMN 15 (CR PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER	UPPER				
3.8E 00	5.6E 00	4	4	14.29	14.29
5.6E 00	8.3E 00	0	4	0.0	14.29
8.3E 00	1.2E 01	1	5	3.57	17.86
1.2E 01	1.8E 01	1	6	3.57	21.43
1.8E 01	2.6E 01	0	6	0.0	21.43
2.6E 01	3.8E 01	0	6	0.0	21.43
3.8E 01	5.6E 01	0	6	0.0	21.43
5.6E 01	8.3E 01	1	7	3.57	25.00
8.3E 01	1.2E 02	3	10	10.71	35.71
1.2E 02	1.8E 02	9	19	32.14	67.86
1.8E 02	2.6E 02	1	20	3.57	71.43
2.6E 02	3.8E 02	4	24	14.29	85.71

HISTOGRAM FOR COLUMN 15 (CR PPM)

5.0E 00 XXXXXXXXXXXXXXXX

7.0E 00

1.0E 01 XXXX

1.5E 01 XXXX

2.0E 01

3.0E 01

5.0E 01

7.0E 01 XXXX

1.0E 02 XXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 02 XXXX

3.0E 02 XXXXXXXXXXXXXXXX

N	L	H	B	T	G
0	4	0	0	0	0
0.0	14.29			0.0	0.0

ANALYTICAL
VALUES
24

MAXIMUM = 3.00000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 7.22444E 01

GEOMETRIC DEVIATION = 4.31567E 00

FREQUENCY TABLE FOR COLUMN 16 (CU PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E 00	5.6E 00	2	2	7.14	7.14
5.6E 00	8.3E 00	3	5	10.71	17.86
8.3E 00	1.2E 01	0	5	0.0	17.86
1.2E 01	1.8E 01	4	9	14.29	32.14
1.8E 01	2.6E 01	6	15	21.43	53.57
2.6E 01	3.8E 01	3	18	10.71	64.29
3.8E 01	5.6E 01	3	21	10.71	75.00
5.6E 01	8.3E 01	1	22	3.57	78.57
8.3E 01	1.2E 02	0	22	0.0	78.57
1.2E 02	1.8E 02	0	22	0.0	78.57
1.8E 02	2.6E 02	1	23	3.57	82.14
2.6E 02	3.8E 02	2	25	7.14	89.29
3.8E 02	5.6E 02	1	26	3.57	92.86
5.6E 02	8.3E 02	0	26	0.0	92.86
8.3E 02	1.2E 03	0	26	0.0	92.86
1.2E 03	1.8E 03	0	26	0.0	92.86
1.8E 03	2.6E 03	0	26	0.0	92.86
2.6E 03	3.8E 03	0	26	0.0	92.86
3.8E 03	5.6E 03	1	27	3.57	96.43
5.6E 03	8.3E 03	0	27	0.0	96.43
8.3E 03	1.2E 04	0	27	0.0	96.43
1.2E 04	1.8E 04	1	28	3.57	100.00

HISTOGRAM FOR COLUMN 16 (CU PPM)

5.0E 00 XXXXXXXX
7.0E 00 XXXXXXXXXXXX
1.0E 01
1.5E 01 XXXXXXXXXXXXXXXX
2.0E 01 XXXXXXXXXXXXXXXXXXXX
3.0E 01 XXXXXXXXXXXX
5.0E 01 XXXXXXXXXXXX
7.0E 01 XXXX
1.0E 02
1.5E 02
2.0E 02 XXXX
3.0E 02 XXXXXXXX
5.0E 02 XXXX
7.0E 02
1.0E 03
1.5E 03

2.0E 03

3.0E 03

5.0E 03 XXXX

7.0E 03

1.0E 04

1.5E 04 XXXX

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

ANALYTICAL
VALUES
28

MAXIMUM = 1.50010E 04

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 4.26801E 01

GEOMETRIC DEVIATION = 6.89256E 00

FREQUENCY TABLE FOR COLUMN 17 (LA PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
1.8E 01 -	2.6E 01	15	15	53.57	53.57
2.6E 01 -	3.8E 01	4	19	14.29	67.86
3.8E 01 -	5.6E 01	0	19	0.0	67.86
5.6E 01 -	8.3E 01	0	19	0.0	67.86
8.3E 01 -	1.2E 02	0	19	0.0	67.86
1.2E 02 -	1.8E 02	1	20	3.57	71.43

HISTOGRAM FOR COLUMN 17 (LA PPM)

2.0E 01 XX

3.0E 01 XXXXXXXXXXXXXXXX

5.0E 01

7.0E 01

1.0E 02

1.5E 02 XXXX

ANALYTICAL
VALUES

N	L	H	B	T	G
4	4	0	0	0	0
14.29	14.29			0.0	0.0

MAXIMUM = 1.50000E 02

MINIMUM = 2.00000E 01

GEOMETRIC MEAN = 2.39881E 01

GEOMETRIC DEVIATION = 1.58736E 00

FREQUENCY TABLE FOR COLUMN 18 (MO PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E 00	5.6E 00	1	1	3.57	3.57
5.6E 00	8.3E 00	0	1	0.0	3.57
8.3E 00	1.2E 01	0	1	0.0	3.57
1.2E 01	1.8E 01	1	2	3.57	7.14

HISTOGRAM FOR COLUMN 18 (MO PPM)

5.0E 00 XXXX

7.0E 00

1.0E 01

1.5E 01 XXXX

N	L	H	B	T	G	ANALYTICAL
21	5	0	0	0	0	VALUES
75.00	17.86			0.0	0.0	2

MAXIMUM = 1.50000E 01

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 8.66024E 00

GEOMETRIC DEVIATION = 2.17458E 00

FREQUENCY TABLE FOR COLUMN 19 (NB PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER - UPPER			CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	7	7	25.00	25.00
1.2E 01 -	1.8E 01	3	10	10.71	35.71
1.8E 01 -	2.6E 01	1	11	3.57	39.29

HISTOGRAM FOR COLUMN 19 (NB PPM)

1.0E 01 XXXXXXXXXXXXXXXXXXXXXXXX

1.5E 01 XXXXXXXXXXXX

2.0E 01 XXXX

N	L	H	B	T	G	ANALYTICAL VALUES
1	16	0	0	0	0	11
3.57	57.14			0.0	0.0	

MAXIMUM = 2.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.18957E 01

GEOMETRIC DEVIATION = 1.28842E 00

FREQUENCY TABLE FOR COLUMN 20 (NI PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
3.8E 00	5.6E 00	3	3	10.71	10.71
5.6E 00	8.3E 00	0	3	0.0	10.71
8.3E 00	1.2E 01	1	4	3.57	14.29
1.2E 01	1.8E 01	2	6	7.14	21.43
1.8E 01	2.6E 01	4	10	14.29	35.71
2.6E 01	3.8E 01	4	14	14.29	50.00
3.8E 01	5.6E 01	3	17	10.71	60.71
5.6E 01	8.3E 01	5	22	17.86	78.57
8.3E 01	1.2E 02	1	23	3.57	82.14
1.2E 02	1.8E 02	1	24	3.57	85.71

HISTOGRAM FOR COLUMN 20 (NI PPM)

5.0E 00 XXXXXXXXXXXX

7.0E 00

1.0E 01 XXXX

1.5E 01 XXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXX

5.0E 01 XXXXXXXXXXXX

7.0E 01 XXXXXXXXXXXXXXXXXXXX

1.0E 02 XXXX

1.5E 02 XXXX

N	L	H	B	T	G
0	4	0	0	0	0
0.0	14.29			0.0	0.0

ANALYTICAL
VALUES
24

MAXIMUM = 1.50000E 02

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 2.88959E 01

GEOMETRIC DEVIATION = 2.59035E 00

FREQUENCY TABLE FOR COLUMN 21 (PB PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	4	4	14.29	14.29
1.2E 01 -	1.8E 01	5	9	17.86	32.14
1.8E 01 -	2.6E 01	0	9	0.0	32.14
2.6E 01 -	3.8E 01	2	11	7.14	39.29
3.8E 01 -	5.6E 01	0	11	0.0	39.29
5.6E 01 -	8.3E 01	0	11	0.0	39.29
8.3E 01 -	1.2E 02	0	11	0.0	39.29
1.2E 02 -	1.8E 02	0	11	0.0	39.29
1.8E 02 -	2.6E 02	0	11	0.0	39.29
2.6E 02 -	3.8E 02	0	11	0.0	39.29
3.8E 02 -	5.6E 02	0	11	0.0	39.29
5.6E 02 -	8.3E 02	0	11	0.0	39.29
8.3E 02 -	1.2E 03	0	11	0.0	39.29
1.2E 03 -	1.8E 03	0	11	0.0	39.29
1.8E 03 -	2.6E 03	0	11	0.0	39.29
2.6E 03 -	3.8E 03	1	12	3.57	42.86

HISTOGRAM FOR COLUMN 21 (PB PPM)

1.0E 01 XXXXXXXXXXXXXXXX
 1.5E 01 XXXXXXXXXXXXXXXXXXXX
 2.0E 01
 3.0E 01 XXXXXXXX
 5.0E 01
 7.0E 01
 1.0E 02
 1.5E 02
 2.0E 02
 3.0E 02
 5.0E 02
 7.0E 02
 1.0E 03
 1.5E 03
 2.0E 03
 3.0E 03 XXXX

N L H B T G
 3 13 0 0 0 0
 10.71 46.43 0.0 0.0

ANALYTICAL
 VALUES
 12

MAXIMUM = 3.00000E 03
MINIMUM = 1.00000E 01
GEOMETRIC MEAN = 2.28726E 01
GEOMETRIC DEVIATION = 4.86815E 00

FREQUENCY TABLE FOR COLUMN 22 (SB PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER -	UPPER			FREQ	FREQ CUM
8.3E 01 -	1.2E 02	2	2	7.14	7.14
1.2E 02 -	1.8E 02	3	5	10.71	17.86
1.8E 02 -	2.6E 02	1	6	3.57	21.43
2.6E 02 -	3.8E 02	2	8	7.14	28.57
3.8E 02 -	5.6E 02	0	8	0.0	28.57
5.6E 02 -	8.3E 02	1	9	3.57	32.14
8.3E 02 -	1.2E 03	0	9	0.0	32.14
1.2E 03 -	1.8E 03	1	10	3.57	35.71
1.8E 03 -	2.6E 03	1	11	3.57	39.29
2.6E 03 -	3.8E 03	0	11	0.0	39.29
3.8E 03 -	5.6E 03	0	11	0.0	39.29
5.6E 03 -	8.3E 03	0	11	0.0	39.29
8.3E 03 -	1.2E 04	1	12	3.57	42.86

HISTOGRAM FOR COLUMN 22 (SB PPM)

1.0E 02 XXXXXXXX
 1.5E 02 XXXXXXXXXXXX
 2.0E 02 XXXX
 3.0E 02 XXXXXXXX
 5.0E 02
 7.0E 02 XXXX
 1.0E 03
 1.5E 03 XXXX
 2.0E 03 XXXX
 3.0E 03
 5.0E 03
 7.0E 03
 1.0E 04 XXXX

N	L	H	B	T	G
13	1	0	0	0	2
46.43	3.57			0.0	7.14

ANALYTICAL
VALUES
12

MAXIMUM = 1.00010E 04

MINIMUM = 1.00000E 02

GEOMETRIC MEAN = 3.90971E 02

GEOMETRIC DEVIATION = 4.16396E 00

FREQUENCY TABLE FOR COLUMN 23 (SC PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E 00	5.6E 00	2	2	7.14	7.14
5.6E 00	8.3E 00	1	3	3.57	10.71
8.3E 00	1.2E 01	2	5	7.14	17.86
1.2E 01	1.8E 01	8	13	28.57	46.43
1.8E 01	2.6E 01	4	17	14.29	60.71
2.6E 01	3.8E 01	4	21	14.29	75.00

HISTOGRAM FOR COLUMN 23 (SC PPM)

5.0E 00 XXXXXXXX

7.0E 00 XXXX

1.0E 01 XXXXXXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXXXXX

N	L	H	B	T	G	ANALYTICAL
2	5	0	0	0	0	VALUES
7.14	17.86			0.0	0.0	21

MAXIMUM = 3.00000E 01

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 1.51096E 01

GEOMETRIC DEVIATION = 1.69551E 00

FREQUENCY TABLE FOR COLUMN 24 (SN PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	1	1	3.57	3.57
1.8E 01 -	2.6E 01	0	1	0.0	3.57
2.6E 01 -	3.8E 01	4	5	14.29	17.86
3.8E 01 -	5.6E 01	0	5	0.0	17.86
5.6E 01 -	8.3E 01	1	6	3.57	21.43
8.3E 01 -	1.2E 02	0	6	0.0	21.43
1.2E 02 -	1.8E 02	0	6	0.0	21.43
1.8E 02 -	2.6E 02	1	7	3.57	25.00

HISTOGRAM FOR COLUMN 24 (SN PPM)

1.5E 01 XXXX
 2.0E 01
 3.0E 01 XXXXXXXXXXXXXXXX
 5.0E 01
 7.0E 01 XXXX
 1.0E 02
 1.5E 02
 2.0E 02 XXXX

N 19 67.86
 L 2 7.14
 H 0
 B 0
 T 0 0.0
 G 0 0.0

ANALYTICAL
 VALUES 7

MAXIMUM = 2.00000E 02

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 4.02147E 01

GEOMETRIC DEVIATION = 2.30778E 00

FREQUENCY TABLE FOR COLUMN 25 (SR PPM)

LIMITS		FREQ		PERCENT	
LOWER	UPPER		CUM	FREQ	CUM
8.3E 01	1.2E 02	2	2	7.14	7.14
1.2E 02	1.8E 02	7	9	25.00	32.14
1.8E 02	2.6E 02	3	12	10.71	42.86
2.6E 02	3.8E 02	2	14	7.14	50.00
3.8E 02	5.6E 02	1	15	3.57	53.57

HISTOGRAM FOR COLUMN 25 (SR PPM)

1.0E 02 XXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXX

2.0E 02 XXXXXXXXXXXX

3.0E 02 XXXXXXXX

5.0E 02 XXXX

N	L	H	B	T	G	ANALYTICAL VALUES
4	9	0	0	0	0	15
14.29	32.14			0.0	0.0	

MAXIMUM = 5.00000E 02

MINIMUM = 1.00000E 02

GEOMETRIC MEAN = 1.78893E 02

GEOMETRIC DEVIATION = 1.52877E 00

FREQUENCY TABLE FOR COLUMN 26 (V PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	2	2	7.14	7.14
1.2E 01 -	1.8E 01	0	2	0.0	7.14
1.8E 01 -	2.6E 01	4	6	14.29	21.43
2.6E 01 -	3.8E 01	1	7	3.57	25.00
3.8E 01 -	5.6E 01	1	8	3.57	28.57
5.6E 01 -	8.3E 01	0	8	0.0	28.57
8.3E 01 -	1.2E 02	1	9	3.57	32.14
1.2E 02 -	1.8E 02	8	17	28.57	60.71
1.8E 02 -	2.6E 02	4	21	14.29	75.00
2.6E 02 -	3.8E 02	3	24	10.71	85.71
3.8E 02 -	5.6E 02	2	26	7.14	92.86

HISTOGRAM FOR COLUMN 26 (V PPM)

1.0E 01 XXXXXXXX
1.5E 01
2.0E 01 XXXXXXXXXXXXXXXX
3.0E 01 XXXX
5.0E 01 XXXX
7.0E 01
1.0E 02 XXXX
1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.0E 02 XXXXXXXXXXXXXXXX
3.0E 02 XXXXXXXXXXXXXXXX
5.0E 02 XXXXXXXX

N	L	H	B	T	G	ANALYTICAL
0	2	0	0	0	0	VALUES
0.0	7.14			0.0	0.0	26

MAXIMUM = 5.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 9.84379E 01

GEOMETRIC DEVIATION = 3.26092E 00

FREQUENCY TABLE FOR COLUMN 27 (W PPM)

LIMITS
LOWER - UPPER

FREQ

FREQ
CUM

PERCENT
FREQ

PERCENT
FREQ CUM

ANALYTICAL
VALUES

N	L	H	B	T	G
28	0	0	0	0	0
*****	0.0			0.0	0.0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 28 (Y PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	1	1	3.57	3.57
1.2E 01 -	1.8E 01	7	8	25.00	28.57
1.8E 01 -	2.6E 01	7	15	25.00	53.57
2.6E 01 -	3.8E 01	3	18	10.71	64.29
3.8E 01 -	5.6E 01	4	22	14.29	78.57
5.6E 01 -	8.3E 01	0	22	0.0	78.57
8.3E 01 -	1.2E 02	0	22	0.0	78.57
1.2E 02 -	1.8E 02	0	22	0.0	78.57
1.8E 02 -	2.6E 02	1	23	3.57	82.14

HISTOGRAM FOR COLUMN 28 (Y PPM)

1.0E 01 XXXX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXXXXXX

5.0E 01 XXXXXXXXXXXXXXX

7.0E 01

1.0E 02

1.5E 02

2.0E 02 XXXX

N	L	H	B	T	G
3	2	0	0	0	0
10.71	7.14			0.0	0.0

ANALYTICAL
VALUES
23

MAXIMUM = 2.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 2.42977E 01

GEOMETRIC DEVIATION = 1.91871E 00

FREQUENCY TABLE FOR COLUMN 29 (ZN PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER -	UPPER			FREQ	FREQ CUM
1.8E 02 -	2.6E 02	2	2	7.14	7.14
2.6E 02 -	3.8E 02	1	3	3.57	10.71

HISTOGRAM FOR COLUMN 29 (ZN PPM)

2.0E 02 XXXXXXXX

3.0E 02 XXXX

N	L	H	B	T	G	ANALYTICAL VALUES
23	2	0	0	0	0	
82.14	7.14			0.0	0.0	3

MAXIMUM = 3.00000E 02

MINIMUM = 2.00000E 02

GEOMETRIC MEAN = 2.28942E 02

GEOMETRIC DEVIATION = 1.26375E 00

FREQUENCY TABLE FOR COLUMN 30 (ZR PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	1	1	3.57	3.57
1.2E 01 -	1.8E 01	0	1	0.0	3.57
1.8E 01 -	2.6E 01	1	2	3.57	7.14
2.6E 01 -	3.8E 01	2	4	7.14	14.29
3.8E 01 -	5.6E 01	1	5	3.57	17.86
5.6E 01 -	8.3E 01	4	9	14.29	32.14
8.3E 01 -	1.2E 02	7	16	25.00	57.14
1.2E 02 -	1.8E 02	6	22	21.43	78.57
1.8E 02 -	2.6E 02	2	24	7.14	85.71
2.6E 02 -	3.8E 02	2	26	7.14	92.86

HISTOGRAM FOR COLUMN 30 (ZR PPM)

1.0E 01 XXXX

1.5E 01

2.0E 01 XXXX

3.0E 01 XXXXXXXX

5.0E 01 XXXX

7.0E 01 XXXXXXXXXXXXXXXX

1.0E 02 XXXXXXXXXXXXXXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXX

2.0E 02 XXXXXXXX

3.0E 02 XXXXXXXX

N	L	H	B	T	G
2	0	0	0	0	0
7.14	0.0			0.0	0.0

ANALYTICAL
VALUES
26

MAXIMUM = 3.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 9.10991E 01

GEOMETRIC DEVIATION = 2.22092E 00

FREQUENCY TABLE FOR COLUMN 31 (AU PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
1.8E-02	2.6E-02	0	0	0.0	0.0
2.6E-02	3.8E-02	0	0	0.0	0.0
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	1	1	4.00	4.00
8.3E-02	1.2E-01	0	1	0.0	4.00
1.2E-01	1.8E-01	0	1	0.0	4.00
1.8E-01	2.6E-01	0	1	0.0	4.00
2.6E-01	3.8E-01	1	2	4.00	8.00
3.8E-01	5.6E-01	1	3	4.00	12.00
5.6E-01	8.3E-01	0	3	0.0	12.00
8.3E-01	1.2E 00	0	3	0.0	12.00
1.2E 00	1.8E 00	2	5	8.00	20.00

HISTOGRAM FOR COLUMN 31 (AU PPM)

7.0E-02 XXXX

1.0E-01

1.5E-01

2.0E-01

3.0E-01 XXXX

5.0E-01 XXXX

7.0E-01

1.0E 00

1.5E 00 XXXXXXXX

N	L	H	B	T	G
0	20	0	3	0	0
0.0	80.00			0.0	0.0

ANALYTICAL
VALUES
5

MAXIMUM = 1.60000E 00

MINIMUM = 6.00000E-02

GEOMETRIC MEAN = 4.44129E-01

GEOMETRIC DEVIATION = 3.85953E 00

FREQUENCY TABLE FOR COLUMN 32 (HG PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E-03	1.2E-02	0	0	0.0	0.0
1.2E-02	1.8E-02	0	0	0.0	0.0
1.8E-02	2.6E-02	0	0	0.0	0.0
2.6E-02	3.8E-02	0	0	0.0	0.0
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	0	0	0.0	0.0
8.3E-02	1.2E-01	0	0	0.0	0.0
1.2E-01	1.8E-01	0	0	0.0	0.0
1.8E-01	2.6E-01	0	0	0.0	0.0
2.6E-01	3.8E-01	0	0	0.0	0.0
3.8E-01	5.6E-01	0	0	0.0	0.0
5.6E-01	8.3E-01	1	1	4.17	4.17
8.3E-01	1.2E 00	0	1	0.0	4.17
1.2E 00	1.8E 00	0	1	0.0	4.17
1.8E 00	2.6E 00	2	3	8.33	12.50
2.6E 00	3.8E 00	3	6	12.50	25.00
3.8E 00	5.6E 00	2	8	8.33	33.33
5.6E 00	8.3E 00	3	11	12.50	45.83
8.3E 00	1.2E 01	3	14	12.50	58.33

HISTOGRAM FOR COLUMN 32 (HG PPM)

7.0E-01 XXXX

1.0E 00

1.5E 00

2.0E 00 XXXXXXXX

3.0E 00 XXXXXXXXXXXX

5.0E 00 XXXXXXXX

7.0E 00 XXXXXXXXXXXX

1.0E 01 XXXXXXXXXXXX

N	L	H	B	T	G
0	0	0	4	0	10
0.0	0.0			0.0	41.67

ANALYTICAL
VALUES

MAXIMUM = 1.00000E 01

MINIMUM = 8.00000E-01

GEOMETRIC MEAN = 4.27373E 00

GEOMETRIC DEVIATION = 2.03516E 00

IN THE COMPUTATIONS PERFORMED TO PRODUCE THE FOLLOWING TABLE OF GEOMETRIC MEANS AND DEVIATIONS, ALL ELEMENTS ARE IGNORED WHERE ONE OR MORE OF THE UNQUALIFIED DATA VALUES IS LESS THAN THE ANALYTICAL LIMIT OF DETECTION SPECIFIED ON INPUT OR WHERE ANY DATA VALUES ARE QUALIFIED WITH THE G (GREATER THAN) CODE. DATA VALUES QUALIFIED WITH B OR H ARE NOT USED IN THE COMPUTATIONS. WHERE NONE OF THE DATA VALUES FOR AN ELEMENT ARE QUALIFIED THE MEAN AND DEVIATION SHOULD BE THE SAME AS THOSE GIVEN IN THE PRECEDING SECTION. WHERE DATA ARE QUALIFIED WITH THE CODES N, L, OR T, THE ESTIMATES OF GEOMETRIC MEAN AND DEVIATION ARE BASED ON A METHOD BY A. J. COHEN FOR TREATING CENSORED DISTRIBUTIONS. THE APPLICATION OF THIS METHOD TO GEOCHEMICAL PROBLEMS IS DESCRIBED IN USGS PROFESSIONAL PAPER 574-B. THE ESTIMATES ARE UNBIASED IN A STRICT SENSE ONLY WHERE THE DATA ARE DERIVED FROM A LOGNORMAL PARENT POPULATION, BUT EXPERIMENTS HAVE SHOWN THAT LARGE DEPARTURES FROM THIS REQUIREMENT MAY NOT GREATLY INVALIDATE THE RESULTS ACCEPTANCE AND USE OF THE ESTIMATES, HOWEVER, IS THE RESPONSIBILITY OF THE INDIVIDUAL.

A470 STATISTICAL SUMMARY

DATE 6/ 8/70

ELEMENT	N	L	H	8	T	G	ANALYTICAL VALUES
FE PCT	0	0	0	0	0	1	27
MG PCT	0	2	0	0	0	0	26
CA PCT	0	1	0	0	0	0	27
TI PCT	0	0	0	0	0	5	23
MN PPM	0	0	0	0	0	2	26
AG PPM	17	2	0	0	0	0	9
AS PPM	19	2	0	0	0	1	6
AU PPM	26	0	0	0	0	0	2
B PPM	0	3	0	0	0	4	21
BA PPM	0	0	0	0	0	0	28
BE PPM	1	13	0	0	0	0	14
BI PPM	23	0	0	0	0	0	5
CD PPM	28	0	0	0	0	0	0
CO PPM	5	3	0	0	0	0	20
CR PPM	0	4	0	0	0	0	24
CU PPM	0	0	0	0	0	0	28
LA PPM	4	4	0	0	0	0	20
MO PPM	21	5	0	0	0	0	2
NB PPM	1	16	0	0	0	0	11
NI PPM	0	4	0	0	0	0	24
PB PPM	3	13	0	0	0	0	12
SB PPM	13	1	0	0	0	2	12
SC PPM	2	5	0	0	0	0	21
SN PPM	19	2	0	0	0	0	7
SR PPM	4	9	0	0	0	0	15
V PPM	0	2	0	0	0	0	26
W PPM	28	0	0	0	0	0	0
Y PPM	3	2	0	0	0	0	23
ZN PPM	23	2	0	0	0	0	3
ZR PPM	2	0	0	0	0	0	26
AU PPM	0	20	0	3	0	0	5
HG PPM	0	0	0	4	0	10	14

ELEMENT	GEOMETRIC MEAN	GEOMETRIC DEVIATION	REMARKS
FE PCT	*****	*****	1 GREATER THAN VALUES. NO COMPUTATIONS.
MG PCT	0.541697	4.86	2 NOT DETECTED, LESS THAN, OR TRACE VALUES.
CA PCT	0.658931	4.87	1 NOT DETECTED, LESS THAN, OR TRACE VALUES.
TI PCT	*****	*****	5 GREATER THAN VALUES. NO COMPUTATIONS.
MN PPM	*****	*****	2 GREATER THAN VALUES. NO COMPUTATIONS.
AG PPM	0.072937	32.96	19 NOT DETECTED, LESS THAN, OR TRACE VALUES.
AS PPM	*****	*****	1 GREATER THAN VALUES. NO COMPUTATIONS.
AU PPM	*****	*****	26 NOT DETECTED, LESS THAN, OR TRACE VALUES.
B PPM	*****	*****	4 GREATER THAN VALUES. NO COMPUTATIONS.
BA PPM	233.866196	2.95	28 SAMPLES AND 28 ANALYTICAL VALUES.
BE PPM	0.836812	2.07	14 NOT DETECTED, LESS THAN, OR TRACE VALUES.
BI PPM	3.156054	2.84	23 NOT DETECTED, LESS THAN, OR TRACE VALUES.
CD PPM	*****	*****	28 NOT DETECTED, LESS THAN, OR TRACE VALUES.
CO PPM	8.729791	4.54	8 NOT DETECTED, LESS THAN, OR TRACE VALUES.
CR PPM	41.504288	6.96	4 NOT DETECTED, LESS THAN, OR TRACE VALUES.
CU PPM	42.680008	6.89	28 SAMPLES AND 28 ANALYTICAL VALUES.
LA PPM	*****	*****	8 NOT DETECTED, LESS THAN, OR TRACE VALUES.
MO PPM	*****	*****	26 NOT DETECTED, LESS THAN, OR TRACE VALUES.
NB PPM	7.277039	1.64	17 NOT DETECTED, LESS THAN, OR TRACE VALUES.
NI PPM	19.823822	3.64	4 NOT DETECTED, LESS THAN, OR TRACE VALUES.

26 REPORTED VALUES.
27 REPORTED VALUES.

9 REPORTED VALUES.

2 REPORTED VALUES. NO COMPUTATIONS.

14 REPORTED VALUES.

5 REPORTED VALUES.

0 REPORTED VALUES. NO COMPUTATIONS.

20 REPORTED VALUES.

24 REPORTED VALUES.

20 REPORTED VALUES. NO COMPUTATIONS.

2 REPORTED VALUES. NO COMPUTATIONS.

11 REPORTED VALUES.

24 REPORTED VALUES.

PB PPM	*****	*****
SB PPM	*****	*****
SC PPM	9.418194	2.62
SN PPM	1.690102	10.93
SR PPM	93.926086	2.28
V PPM	79.083359	4.03
W PPM	*****	*****
Y PPM	18.460663	2.34
ZN PPM	90.499939	1.71
ZR PPM	74.665756	2.87
AU PPM	0.000301	*****
HG PPM	*****	*****

16 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 2 GREATER THAN VALUES. NO COMPUTATIONS.
 7 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 21 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 13 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 2 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 28 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 5 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 25 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 2 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 20 NOT DETECTED, LESS THAN, OR TRACE VALUES.
 10 GREATER THAN VALUES. NO COMPUTATIONS.

12 REPORTED VALUES. NO COMPUTATIONS.
 21 REPORTED VALUES.
 7 REPORTED VALUES.
 15 REPORTED VALUES.
 26 REPORTED VALUES.
 0 REPORTED VALUES. NO COMPUTATIONS.
 23 REPORTED VALUES.
 3 REPORTED VALUES.
 26 REPORTED VALUES.
 5 REPORTED VALUES.

TABLE 3. TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
15	AMM267	7.0000	1.0000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
16	AMM266	7.0000	1.0000	0.7000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
17	AMM265	10.0000	1.5000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	30.0000	500.0000
18	AMG985	10.0000	1.5000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
19	AMG986	10.0000	1.5000	1.0000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
20	AMG987	10.0000	1.0000	0.7000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
21	AMG988	10.0000	1.5000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
22	AMG989	7.0000	1.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
23	AMG990	7.0000	1.0000	0.7000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
24	AMG983	10.0000	1.5000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
25	AMG982	7.0000	1.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
26	AMG981	10.0000	1.0000	0.3000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
27	AMG980	10.0000	1.5000	0.7000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
28	AMG984	7.0000	1.0000	0.7000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
29	AMG991	7.0000	1.5000	1.0000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
30	AMG993	10.0000	1.5000	1.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	50.0000	700.0000
31	AMG992	5.0000	1.0000	1.0000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	500.0000
32	AMG929	7.0000	1.0000	0.2000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
33	AMG996	7.0000	1.5000	1.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
34	AMM264	10.0000	1.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
35	AMM263	10.0000	1.0000	0.7000	1.0000	1000.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
36	AMG995	7.0000	1.5000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	50.0000	500.0000
37	AMG994	10.0000	1.5000	0.7000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	50.0000	500.0000
38	AMM117	10.0000	1.0000	0.2000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
39	AMM118	5.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
40	AMM119	7.0000	1.0000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
41	AMM116	7.0000	1.5000	0.3000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
42	AMG978	5.0000	1.5000	0.3000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
43	AMM262	7.0000	1.5000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
44	AMM261	10.0000	1.5000	0.7000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	100.0000	300.0000
45	AMG979	5.0000	1.5000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
46	AMM114	5.0000	2.0000	0.3000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
47	AMM115	5.0000	1.5000	0.3000	0.5000	2000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
48	AMM120	10.0000	1.0000	0.3000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
49	AMM121	10.0000	1.5000	0.2000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
50	AMM127	7.0000	1.0000	0.2000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
51	AMG977	5.0000	1.0000	0.5000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
52	AMG975	3.0000	1.0000	0.3000	0.3000	300.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
53	AMG976	10.0000	1.5000	0.5000	0.7000	100.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
54	AMM268	5.0000	1.0000	1.0000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
55	AMM260	5.0000	1.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
56	AMM259	10.0000	1.5000	0.7000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
57	AMG974	5.0000	1.5000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
58	AMG973	7.0000	1.5000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
59	AMG970	10.0000	1.5000	0.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
60	AMG969	15.0000	2.0000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	500.0000
61	AMM122	7.0000	1.5000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
62	AMM123	5.0000	1.0000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
63	AMM124	5.0000	1.0000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
64	AMM125	7.0000	1.0000	0.2000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	BE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MD PPM	NB PPM	NI PPM
15	AMM267	1.5000	10.0000N	20.0000N	20.0000	30.0000	30.0000	20.0000L	5.0000N	10.0000	30.0000
16	AMM266	1.0000L	10.0000N	20.0000N	20.0000	70.0000	15.0000	20.0000N	5.0000N	10.0000L	30.0000
17	AMM265	1.0000L	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	50.0000
18	AMG985	1.0000L	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000N	5.0000L	10.0000	70.0000
19	AMG986	1.0000L	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000N	5.0000L	10.0000	50.0000
20	AMG987	1.0000L	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000N	5.0000L	10.0000	50.0000
21	AMG988	1.0000L	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000N	5.0000L	10.0000	50.0000
22	AMG989	1.0000	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000N	5.0000L	10.0000	50.0000
23	AMG990	1.0000L	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000N	5.0000L	10.0000	30.0000
24	AMG983	1.0000	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000L	5.0000L	10.0000	70.0000
25	AMG982	1.0000L	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
26	AMG981	1.0000L	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000N	5.0000L	10.0000	70.0000
27	AMG980	1.0000L	10.0000N	20.0000N	30.0000	700.0000	30.0000	20.0000N	5.0000L	10.0000	70.0000
28	AMG984	1.0000L	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000N	5.0000L	10.0000	50.0000
29	AMG991	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000L	10.0000	50.0000
30	AMG993	1.0000	10.0000N	20.0000N	20.0000	70.0000	50.0000	20.0000L	5.0000L	10.0000	30.0000
31	AMG992	1.0000	10.0000N	20.0000N	20.0000	70.0000	30.0000	20.0000L	5.0000L	10.0000	30.0000
32	AMG929	1.5000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	100.0000
33	AMG996	1.0000	10.0000N	20.0000N	30.0000	100.0000	50.0000	20.0000L	5.0000L	10.0000L	50.0000
34	AMM264	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	30.0000
35	AMM263	1.0000L	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000N	5.0000L	10.0000	30.0000
36	AMG995	1.0000	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000L	5.0000L	10.0000	50.0000
37	AMG994	1.0000L	10.0000N	20.0000N	30.0000	100.0000	70.0000	20.0000N	5.0000N	10.0000	50.0000
38	AMM117	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
39	AMM118	1.0000	10.0000N	20.0000N	30.0000	150.0000	20.0000	20.0000L	5.0000L	10.0000	70.0000
40	AMM119	1.0000	10.0000N	20.0000N	30.0000	150.0000	15.0000	20.0000L	5.0000L	10.0000	70.0000
41	AMM116	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
42	AMG978	1.0000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
43	AMM262	1.0000	10.0000N	20.0000N	30.0000	150.0000	20.0000	20.0000N	5.0000N	10.0000	30.0000
44	AMM261	1.0000L	10.0000N	20.0000N	30.0000	70.0000	20.0000	20.0000N	5.0000N	10.0000	30.0000
45	AMG979	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
46	AMM114	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	30.0000	5.0000L	10.0000	100.0000
47	AMM115	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
48	AMM120	1.0000	10.0000N	20.0000N	30.0000	150.0000	15.0000	20.0000L	5.0000L	10.0000	70.0000
49	AMM121	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
50	AMM127	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	100.0000
51	AMG977	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
52	AMG975	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
53	AMG976	1.0000	10.0000N	20.0000N	30.0000	200.0000	30.0000	20.0000N	5.0000N	10.0000	100.0000
54	AMM268	1.5000	10.0000N	20.0000N	30.0000	70.0000	70.0000	20.0000L	5.0000L	10.0000	50.0000
55	AMM260	1.0000	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000L	5.0000L	10.0000	50.0000
56	AMM259	1.0000	10.0000N	20.0000N	30.0000	500.0000	70.0000	20.0000L	5.0000N	10.0000	70.0000
57	AMG974	1.0000L	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
58	AMG973	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
59	AMG970	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000L	70.0000
60	AMG969	1.0000	10.0000N	20.0000N	50.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
61	AMM122	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
62	AMM123	1.0000L	10.0000N	20.0000N	30.0000	150.0000	15.0000	20.0000N	5.0000L	10.0000	70.0000
63	AMM124	1.0000L	10.0000N	20.0000N	30.0000	150.0000	20.0000	20.0000N	5.0000L	10.0000	70.0000
64	AMM125	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
15	AMM267	10.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000N	100.0000
16	AMM266	10.0000L	100.0000N	15.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	70.0000
17	AMM265	10.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000N	300.0000
18	AMG985	15.0000	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
19	AMG986	10.0000L	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
20	AMG987	15.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
21	AMG988	10.0000L	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
22	AMG989	10.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
23	AMG990	10.0000	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000N	100.0000
24	AMG983	15.0000	100.0000N	30.0000	10.0000N	300.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
25	AMG982	15.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
26	AMG981	10.0000L	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
27	AMG980	10.0000	100.0000N	30.0000	10.0000N	300.0000	300.0000	50.0000N	30.0000	200.0000L	100.0000
28	AMG984	10.0000	100.0000N	15.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000L	100.0000
29	AMG991	15.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
30	AMG993	10.0000	100.0000N	20.0000	10.0000N	300.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
31	AMG992	10.0000	100.0000N	20.0000	10.0000N	300.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
32	AMG929	30.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
33	AMG996	10.0000	100.0000N	20.0000	10.0000N	300.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
34	AMM264	10.0000	100.0000N	20.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	200.0000
35	AMM263	10.0000N	100.0000N	20.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	150.0000
36	AMG995	10.0000	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
37	AMG994	10.0000	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	15.0000	200.0000L	100.0000
38	AMM117	20.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
39	AMM118	15.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	15.0000	200.0000L	200.0000
40	AMM119	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
41	AMM116	15.0000	100.0000N	20.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	150.0000
42	AMG978	15.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
43	AMM262	10.0000L	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
44	AMM261	15.0000	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	15.0000	200.0000L	70.0000
45	AMG979	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
46	AMM114	15.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
47	AMM115	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
48	AMM120	20.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
49	AMM121	15.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	300.0000
50	AMM127	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	200.0000
51	AMG977	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
52	AMG975	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
53	AMG976	10.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
54	AMM268	15.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000N	100.0000
55	AMM260	10.0000	100.0000N	15.0000	10.0000N	300.0000	200.0000	50.0000N	15.0000	200.0000N	100.0000
56	AMM259	15.0000	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	15.0000	200.0000N	100.0000
57	AMG974	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
58	AMG973	15.0000	100.0000N	20.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	150.0000
59	AMG970	10.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
60	AMG969	10.0000	100.0000N	20.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
61	AMM122	15.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	15.0000	200.0000L	200.0000
62	AMM123	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
63	AMM124	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
64	AMM125	10.0000L	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	200.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	AU PPM	HG PPM
15	AMM267	0.0400L	0.3500
16	AMM266	0.0400L	0.1800
17	AMM265	0.0200L	0.1800
18	AMG985	0.0200L	0.3000
19	AMG986	0.0200L	0.1000
20	AMG987	0.0200L	0.1300
21	AMG988	0.0200L	0.1200
22	AMG989	0.1000L	0.1600
23	AMG990	0.0200L	0.2000
24	AMG983	0.0200L	0.1500
25	AMG982	0.0200L	0.1600
26	AMG981	0.0200L	1.7000
27	AMG980	0.0200L	0.3500
28	AMG984	0.0200L	0.2000
29	AMG991	0.0200L	0.1200
30	AMG993	0.0200L	0.1400
31	AMG992	0.0400L	0.1600
32	AMG929	0.0200L	0.1800
33	AMG996	0.4000	0.1000
34	AMM264	0.0200L	0.2400
35	AMM263	0.0200L	0.2000
36	AMG995	0.0400L	0.1000
37	AMG994	0.0200L	0.1600
38	AMM117	0.1000L	0.5000
39	AMM118	0.0200L	0.1400
40	AMM119	0.0200L	0.3500
41	AMM116	0.0200L	0.4500
42	AMG978	0.0200L	0.1800
43	AMM262	0.0200L	0.1600
44	AMM261	0.1000L	0.1800
45	AMG979	0.0200L	0.1400
46	AMM114	0.0200L	0.0600
47	AMM115	0.0200L	0.2000
48	AMM120	0.0200L	0.7000
49	AMM121	0.0200L	0.3500
50	AMM127	0.0200L	0.2200
51	AMG977	0.0200L	0.1000
52	AMG975	0.0200L	0.2000
53	AMG976	0.0200L	0.1300
54	AMM268	0.2000L	3.0000
55	AMM260	0.2000L	0.2200
56	AMM259	0.2000L	0.3200
57	AMG974	0.0200L	0.1000
58	AMG973	0.0200L	0.6500
59	AMG970	0.0200L	0.0900
60	AMG969	0.0200L	0.1600
61	AMM122	0.0200L	0.0800
62	AMM123	0.0400L	0.2200
63	AMM124	0.0200L	0.3000
64	AMM125	0.0200L	0.3000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
65	AMM128	3.0000	0.7000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
66	AMM126	7.0000	1.0000	0.5000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
67	AMM130	3.0000	0.7000	0.7000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
68	AMM129	3.0000	0.7000	0.3000	0.5000	150.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
69	AMM131	3.0000	1.0000	0.2000	0.3000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
70	AMM132	3.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
71	AMM135	5.0000	1.0000	0.5000	0.7000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
72	AMM136	3.0000	0.7000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
73	AMM133	5.0000	1.0000	0.3000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
74	AMM134	5.0000	1.0000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
75	AMG968	5.0000	1.5000	0.3000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
76	AMG967	7.0000	1.5000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	300.0000
77	AMG972	10.0000	1.5000	0.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
78	AMG971	7.0000	1.5000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	300.0000
79	AMM258	7.0000	1.5000	0.1500	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
80	AMM257	7.0000	1.5000	0.3000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	100.0000	300.0000
81	AMM271	1.0000	1.0000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
82	AMM272	15.0000	2.0000	0.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
83	AMM273	15.0000	2.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
84	AMM274	15.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
85	AMM276	7.0000	1.0000	0.7000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
86	AMM275	15.0000	1.5000	0.7000	1.0000G	2000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
87	AMM278	15.0000	1.5000	0.7000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
88	AMG930	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
89	AMM270	15.0000	1.5000	1.0000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
90	AMM269	15.0000	1.5000	0.7000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	50.0000	700.0000
91	AMM254	10.0000	2.0000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
92	AMM253	10.0000	3.0000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	500.0000
93	AMM250	10.0000	3.0000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
94	AMM256	10.0000	2.0000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
95	AMM255	7.0000	1.5000	0.1500	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
96	AMG963	10.0000	1.5000	0.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
97	AMG964	10.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
98	AMG966	7.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
99	AMG965	7.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	300.0000
100	AMG953	7.0000	1.0000	0.3000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
101	AMG954	10.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
102	AMG956	10.0000	1.0000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
103	AMG955	7.0000	1.0000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
104	AMG958	7.0000	1.5000	0.3000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
105	AMG957	10.0000	1.5000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
106	AMM140	3.0000	0.7000	0.3000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
107	AMM139	5.0000	0.7000	0.3000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
108	AMM153	5.0000	0.7000	0.3000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
109	AMM152	5.0000	0.7000	0.3000	0.5000	200.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
110	AMM137	5.0000	0.7000	0.3000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
111	AMM138	5.0000	1.0000	0.5000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
112	AMM156	5.0000	1.0000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
113	AMM157	5.0000	1.0000	0.5000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
114	AMM155	5.0000	1.0000	0.3000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	RE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM
65	AMM128	1.0000	10.0000N	20.0000N	20.0000	100.0000	20.0000	20.0000L	5.0000N	10.0000	70.0000
66	AMM126	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
67	AMM130	1.0000	10.0000N	20.0000N	15.0000	100.0000	20.0000	20.0000L	5.0000N	10.0000	50.0000
68	AMM129	1.0000	10.0000N	20.0000N	15.0000	100.0000	20.0000	20.0000L	5.0000N	10.0000L	70.0000
69	AMM131	1.0000	10.0000N	20.0000N	15.0000	70.0000	30.0000	20.0000N	5.0000N	10.0000	50.0000
70	AMM132	1.0000	10.0000N	20.0000N	20.0000	70.0000	20.0000	20.0000L	5.0000N	10.0000	100.0000
71	AMM135	1.0000	10.0000N	20.0000N	20.0000	150.0000	20.0000	20.0000L	5.0000N	10.0000	70.0000
72	AMM136	1.0000	10.0000N	20.0000N	20.0000	70.0000	15.0000	20.0000N	5.0000N	10.0000	70.0000
73	AMM133	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
74	AMM134	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	100.0000
75	AMG968	1.0000	10.0000N	20.0000N	30.0000	70.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
76	AMG967	1.5000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
77	AMG972	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
78	AMG971	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
79	AMM258	1.0000L	10.0000N	20.0000N	30.0000	100.0000	50.0000	20.0000N	5.0000N	10.0000	70.0000
80	AMM257	1.0000	10.0000N	20.0000N	30.0000	100.0000	50.0000	20.0000L	5.0000N	10.0000	70.0000
81	AMM271	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000	10.0000	100.0000
82	AMM272	1.5000	10.0000N	20.0000N	100.0000	150.0000	100.0000	20.0000L	5.0000L	10.0000	150.0000
83	AMM273	2.0000	10.0000N	20.0000N	100.0000	150.0000	150.0000	20.0000	5.0000L	10.0000	150.0000
84	AMM274	1.5000	10.0000N	20.0000N	70.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
85	AMM276	1.5000	10.0000N	20.0000N	20.0000	70.0000	30.0000	20.0000L	5.0000L	10.0000	50.0000
86	AMM275	1.5000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	70.0000
87	AMM278	1.5000	10.0000N	20.0000N	50.0000	150.0000	200.0000	20.0000L	5.0000	10.0000	100.0000
88	AMG930	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
89	AMM270	1.5000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
90	AMM269	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
91	AMM254	1.5000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	100.0000
92	AMM253	2.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	100.0000
93	AMM250	1.5000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	100.0000
94	AMM256	1.5000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	70.0000
95	AMM255	1.0000L	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	70.0000
96	AMG963	1.5000	10.0000N	20.0000N	70.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	100.0000
97	AMG964	1.0000	10.0000N	20.0000N	50.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
98	AMG966	1.0000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
99	AMG965	1.0000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
100	AMG953	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
101	AMG954	1.0000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
102	AMG956	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
103	AMG955	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
104	AMG958	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
105	AMG957	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
106	AMM140	1.0000L	10.0000N	20.0000N	15.0000	150.0000	20.0000	20.0000L	5.0000N	10.0000	70.0000
107	AMM139	1.0000	10.0000N	20.0000N	20.0000	100.0000	20.0000	20.0000L	5.0000N	10.0000	70.0000
108	AMM153	1.0000L	10.0000N	20.0000N	20.0000	100.0000	20.0000	20.0000	5.0000N	10.0000	70.0000
109	AMM152	1.0000L	10.0000N	20.0000N	15.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
110	AMM137	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
111	AMM138	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
112	AMM156	1.0000L	10.0000N	20.0000N	20.0000	100.0000	20.0000	20.0000L	5.0000N	10.0000	100.0000
113	AMM157	1.0000	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000	5.0000N	10.0000	100.0000
114	AMM155	1.0000	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000	5.0000N	10.0000	100.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
65	AMM128	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	10.0000	200.0000L	150.0000
66	AMM126	10.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	15.0000	200.0000L	150.0000
67	AMM130	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	10.0000	200.0000N	200.0000
68	AMM129	10.0000L	100.0000N	10.0000	10.0000N	100.0000L	200.0000	50.0000N	10.0000	200.0000L	150.0000
69	AMM131	10.0000	100.0000N	10.0000	10.0000N	100.0000	150.0000	50.0000N	10.0000	200.0000L	70.0000
70	AMM132	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
71	AMM135	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000N	300.0000
72	AMM136	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
73	AMM133	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
74	AMM134	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
75	AMG968	10.0000L	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
76	AMG967	30.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	30.0000	200.0000L	150.0000
77	AMG972	15.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
78	AMG971	15.0000	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	15.0000	200.0000L	150.0000
79	AMM258	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
80	AMM257	30.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
81	AMM271	20.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
82	AMM272	50.0000	100.0000N	30.0000	10.0000N	100.0000	300.0000	50.0000N	30.0000	300.0000	200.0000
83	AMM273	50.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	30.0000	200.0000	150.0000
84	AMM274	30.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000	150.0000
85	AMM276	15.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
86	AMM275	20.0000	100.0000N	30.0000	10.0000N	100.0000	300.0000	50.0000N	30.0000	200.0000L	100.0000
87	AMM278	20.0000	100.0000N	30.0000	10.0000N	100.0000	300.0000	50.0000N	30.0000	200.0000L	300.0000
88	AMG930	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
89	AMM270	15.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
90	AMM269	15.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
91	AMM254	20.0000	100.0000N	20.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
92	AMM253	30.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
93	AMM250	20.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	30.0000	200.0000L	300.0000
94	AMM256	20.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
95	AMM255	20.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
96	AMG963	30.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	30.0000	200.0000L	200.0000
97	AMG964	20.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
98	AMG966	30.0000	100.0000N	15.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
99	AMG965	20.0000	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
100	AMG953	15.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
101	AMG954	15.0000	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
102	AMG956	15.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	30.0000	200.0000L	300.0000
103	AMG955	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
104	AMG958	15.0000	100.0000N	20.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
105	AMG957	10.0000N	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	30.0000	200.0000L	300.0000
106	AMM140	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
107	AMM139	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
108	AMM153	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
109	AMM152	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
110	AMM137	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	300.0000
111	AMM138	10.0000L	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
112	AMM156	10.0000L	100.0000N	10.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
113	AMM157	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
114	AMM155	10.0000	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	150.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	AU PPM	HG PPM
65	AMM128	0.0200L	0.2200
66	AMM126	0.0200L	0.2800
67	AMM130	0.0200L	0.3000
68	AMM129	0.0400L	0.2000
69	AMM131	0.0200L	0.3000
70	AMM132	0.0400L	0.2600
71	AMM135	0.0200L	0.2800
72	AMM136	0.0200L	0.1800
73	AMM133	0.0200L	0.4000
74	AMM134	0.0200L	0.3500
75	AMG968	0.0200L	0.1000
76	AMG967	0.0200L	0.1000
77	AMG972	0.0200L	0.1000
78	AMG971	0.0200L	0.1600
79	AMM258	0.0200L	0.3200
80	AMM257	0.0200L	0.2200
81	AMM271	0.0200L	0.1600
82	AMM272	0.0200L	0.1400
83	AMM273	0.0200L	0.1400
84	AMM274	0.2000L	0.1200
85	AMM276	0.0400L	0.2200
86	AMM275	0.0400L	0.4500
87	AMM278	0.0200L	0.4500
88	AMG930	0.0200L	0.1300
89	AMM270	0.0200L	0.3000
90	AMM269	0.0200L	0.3500
91	AMM254	0.0200L	0.2000
92	AMM253	0.0200L	0.2200
93	AMM250	0.0200L	0.1600
94	AMM256	0.0200L	0.2200
95	AMM255	0.0200L	0.2400
96	AMG963	0.0200L	0.1500
97	AMG964	0.0200L	0.2200
98	AMG966	0.0200L	0.0900
99	AMG965	0.0200L	0.0900
100	AMG953	0.0200L	0.1000
101	AMG954	0.0200L	0.1000
102	AMG956	0.0200L	0.3500
103	AMG955	0.0200L	0.1200
104	AMG958	0.0200L	0.1400
105	AMG957	0.0200L	0.1400
106	AMM140	0.0400L	0.2000
107	AMM139	0.0200L	0.2400
108	AMM153	0.0200L	0.0900
109	AMM152	0.1000L	1.8000
110	AMM137	0.0200L	0.1600
111	AMM138	0.0200L	0.3800
112	AMM156	0.0400L	0.2000
113	AMM157	0.0400L	0.3000
114	AMM155	0.1000L	0.1800

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
115	AMG959	7.0000	1.0000	0.3000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
116	AMG944	5.0000	1.5000	0.3000	0.7000	1000.0000	5.0000N	200.0000N	10.0000N	100.0000	700.0000
117	AMG951	7.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
118	AMG952	7.0000	1.5000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
119	AMM252	10.0000	2.0000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
120	AMM251	7.0000	2.0000	0.5000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	150.0000	500.0000
121	AMM249	5.0000	1.5000	0.1500	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
122	AMM277	15.0000	2.0000	0.7000	1.0000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
123	AMM281	10.0000	2.0000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
124	AMM282	10.0000	1.5000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
125	AMM246	7.0000	1.0000	0.1500	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
126	AMM247	10.0000	2.0000	0.1500	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
127	AMM245	5.0000	1.0000	0.3000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
128	AMM248	7.0000	1.5000	0.2000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
129	AMG946	7.0000	1.5000	0.2000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
130	AMG945	5.0000	1.5000	0.3000	0.7000	1000.0000	0.5000	200.0000N	10.0000N	70.0000	500.0000
131	AMG947	5.0000	1.5000	0.3000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
132	AMG948	7.0000	1.5000	0.3000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
133	AMG950	7.0000	1.5000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
134	AMG949	5.0000	1.5000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
135	AMG943	5.0000	1.0000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
136	AMG942	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
137	AMG916	5.0000	0.1500	0.7000	0.5000	700.0000	0.5000L	200.0000N	10.0000N	70.0000	700.0000
138	AMG915	5.0000	0.2000	1.0000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
139	AMM154	5.0000	1.0000	0.3000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
140	AMM146	3.0000	0.7000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
141	AMM145	5.0000	1.0000	0.3000	0.5000	500.0000	5.0000N	200.0000N	10.0000N	100.0000	1000.0000
142	AMM144	3.0000	0.7000	0.3000	0.5000	500.0000	5.0000N	200.0000N	10.0000N	150.0000	1500.0000
143	AMM143	3.0000	0.7000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
144	AMM148	5.0000	0.7000	0.7000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
145	AMM149	5.0000	1.0000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
146	AMM150	5.0000	1.0000	0.3000	0.7000	200.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
147	AMM147	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
148	AMM141	5.0000	0.7000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
149	AMM142	5.0000	0.7000	0.1500	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
150	AMG917	5.0000	0.1500	1.0000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
151	AMG918	7.0000	0.1500	1.0000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
152	AMG914	5.0000	0.3000	0.7000	0.5000	700.0000	0.5000L	200.0000N	10.0000N	150.0000	1500.0000
153	AMG913	5.0000	0.2000	0.7000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
154	AMG940	5.0000	1.0000	0.1500	0.5000	500.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
155	AMG941	5.0000	1.0000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
156	AMM243	7.0000	2.0000	0.1500	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
157	AMM244	7.0000	1.5000	0.1500	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
158	AMG962	7.0000	1.5000	0.7000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
159	AMG961	7.0000	1.5000	1.0000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	30.0000	500.0000
160	AMG960	7.0000	2.0000	1.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	30.0000	500.0000
161	AMG999	10.0000	1.5000	1.5000	1.0000	1500.0000	0.5000N	200.0000L	10.0000N	50.0000	700.0000
162	AMG998	3.0000	1.5000	1.5000	0.3000	1500.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
163	AMG997	7.0000	1.5000	1.5000	1.0000	1000.0000	0.5000N	700.0000	10.0000N	50.0000	500.0000
164	AMM110	7.0000	3.0000	2.0000	0.7000	1500.0000	0.5000N	300.0000	10.0000N	50.0000	300.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	BE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM
115	AMG959	1.0000L	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
116	AMG944	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
117	AMG951	1.0000L	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000N	5.0000N	10.0000	70.0000
118	AMG952	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
119	AMM252	1.5000	10.0000N	20.0000N	50.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
120	AMM251	2.0000	10.0000N	20.0000N	50.0000	100.0000	70.0000	20.0000	5.0000N	10.0000	100.0000
121	AMM249	1.0000L	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000N	5.0000N	10.0000	70.0000
122	AMM277	1.0000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
123	AMM281	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
124	AMM282	1.0000	10.0000N	20.0000N	50.0000	100.0000	70.0000	20.0000N	5.0000L	10.0000	70.0000
125	AMM246	1.5000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	70.0000
126	AMM247	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	100.0000
127	AMM245	1.5000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
128	AMM248	1.5000	10.0000N	20.0000N	30.0000	100.0000	70.0000	20.0000	5.0000N	10.0000	70.0000
129	AMG946	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000N	5.0000N	10.0000	70.0000
130	AMG945	1.0000	10.0000N	20.0000N	50.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
131	AMG947	1.0000	10.0000N	20.0000N	30.0000	100.0000	50.0000	20.0000L	5.0000N	10.0000L	70.0000
132	AMG948	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000L	70.0000
133	AMG950	1.0000	10.0000N	20.0000N	30.0000	100.0000	50.0000	20.0000L	5.0000N	10.0000	70.0000
134	AMG949	1.0000L	10.0000N	20.0000N	20.0000	70.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
135	AMG943	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
136	AMG942	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
137	AMG916	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
138	AMG915	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
139	AMM154	1.0000	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
140	AMM146	1.0000	10.0000N	20.0000N	20.0000	100.0000	15.0000	20.0000L	5.0000N	10.0000	70.0000
141	AMM145	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
142	AMM144	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
143	AMM143	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
144	AMM148	1.5000	10.0000N	20.0000N	10.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
145	AMM149	1.0000L	10.0000N	20.0000N	15.0000	150.0000	20.0000	20.0000L	5.0000N	10.0000L	70.0000
146	AMM150	1.0000	10.0000N	20.0000N	15.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000L	70.0000
147	AMM147	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
148	AMM141	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
149	AMM142	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
150	AMG917	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
151	AMG918	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
152	AMG914	1.5000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
153	AMG913	1.0000	10.0000N	20.0000N	30.0000	100.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
154	AMG940	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
155	AMG941	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
156	AMM243	1.5000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000	5.0000N	10.0000	70.0000
157	AMM244	1.0000	10.0000N	20.0000N	30.0000	100.0000	70.0000	20.0000L	5.0000N	10.0000L	70.0000
158	AMG962	1.0000	10.0000N	20.0000N	50.0000	100.0000	30.0000	20.0000L	5.0000N	10.0000L	100.0000
159	AMG961	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
160	AMG960	1.0000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000N	5.0000N	10.0000	70.0000
161	AMG999	1.0000L	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	70.0000
162	AMG998	1.0000	10.0000N	20.0000N	20.0000	70.0000	50.0000	20.0000N	5.0000N	10.0000	70.0000
163	AMG997	1.0000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	70.0000
164	AMM110	1.0000L	10.0000N	20.0000N	30.0000	200.0000	50.0000	20.0000N	5.0000L	10.0000L	70.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
115	AMG959	10.0000L	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
116	AMG944	10.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	30.0000	200.0000L	150.0000
117	AMG951	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
118	AMG952	10.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
119	AMM252	20.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
120	AMM251	30.0000	100.0000N	30.0000	10.0000N	150.0000	300.0000	50.0000N	30.0000	200.0000L	200.0000
121	AMM249	20.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
122	AMM277	15.0000	100.0000N	30.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
123	AMM281	20.0000	100.0000N	30.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
124	AMM282	20.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
125	AMM246	20.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
126	AMM247	30.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
127	AMM245	15.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
128	AMM248	20.0000	100.0000N	20.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
129	AMG946	20.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
130	AMG945	20.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
131	AMG947	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	150.0000
132	AMG948	10.0000L	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
133	AMG950	15.0000	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	30.0000	200.0000L	150.0000
134	AMG949	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
135	AMG943	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
136	AMG942	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
137	AMG916	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
138	AMG915	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
139	AMM154	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	300.0000
140	AMM146	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	300.0000
141	AMM145	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
142	AMM144	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
143	AMM143	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	300.0000
144	AMM148	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
145	AMM149	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
146	AMM150	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	200.0000
147	AMM147	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	200.0000
148	AMM141	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	300.0000
149	AMM142	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
150	AMG917	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
151	AMG918	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
152	AMG914	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
153	AMG913	10.0000	100.0000N	15.0000	10.0000N	100.0000L	150.0000	50.0000N	20.0000	200.0000L	150.0000
154	AMG940	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	100.0000
155	AMG941	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
156	AMM243	30.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
157	AMM244	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
158	AMG962	10.0000	100.0000N	30.0000	10.0000N	150.0000	200.0000	50.0000N	30.0000	200.0000L	200.0000
159	AMG961	10.0000N	100.0000N	20.0000	10.0000N	150.0000	200.0000	50.0000N	30.0000	200.0000L	150.0000
160	AMG960	10.0000L	100.0000N	30.0000	10.0000N	150.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
161	AMG999	10.0000	100.0000N	30.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
162	AMG998	10.0000	100.0000N	20.0000	10.0000N	200.0000	150.0000	50.0000N	15.0000	200.0000L	70.0000
163	AMG997	15.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	100.0000
164	AMM110	10.0000	100.0000N	20.0000	10.0000N	200.0000	200.0000	50.0000N	15.0000	200.0000L	30.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	AU PPM	HG PPM
115	AMG959	0.0200L	0.4000
116	AMG944	0.0200L	0.1000
117	AMG951	0.0200L	0.1500
118	AMG952	0.0200L	0.1000
119	AMM252	0.0200L	0.1800
120	AMM251	0.0400L	0.2200
121	AMM249	0.1000L	0.1600
122	AMM277	0.0400L	0.1200
123	AMM281	0.0200L	0.1400
124	AMM282	0.0400L	0.3500
125	AMM246	0.0400L	0.1400
126	AMM247	0.0200L	0.1600
127	AMM245	0.0400L	0.1400
128	AMM248	0.0200L	0.2200
129	AMG946	0.0200L	0.1300
130	AMG945	0.0200L	0.1300
131	AMG947	0.0200L	0.0800
132	AMG948	0.0200L	0.1000
133	AMG950	0.0200L	0.0800
134	AMG949	0.0200L	0.1000
135	AMG943	0.0200L	0.0800
136	AMG942	0.0200L	0.1400
137	AMG916	0.0200L	0.1200
138	AMG915	0.0200L	0.1200
139	AMM154	0.1000L	1.5000
140	AMM146	0.0200L	0.3000
141	AMM145	0.0200L	0.1500
142	AMM144	0.0200L	0.4500
143	AMM143	0.0200L	0.2200
144	AMM148	0.0200L	0.2000
145	AMM149	0.0200L	0.1600
146	AMM150	0.0200L	0.2200
147	AMM147	0.1000L	0.2200
148	AMM141	0.0200L	0.3000
149	AMM142	0.0400L	0.1800
150	AMG917	0.0200L	0.1400
151	AMG918	0.0200L	0.1200
152	AMG914	0.0200L	0.4500
153	AMG913	0.0200L	0.3400
154	AMG940	0.0200L	0.0900
155	AMG941	0.0200L	0.0800
156	AMM243	0.0200L	0.2200
157	AMM244	0.0200L	0.1800
158	AMG962	0.0200L	0.1000
159	AMG961	0.0200L	1.0000
160	AMG960	0.0200L	1.0000
161	AMG999	0.0400L	10.0000G
162	AMG998	0.0400	0.1300
163	AMG997	0.2000	1.0000
164	AMM110	0.0200L	0.1500

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
165	AMM111	3.0000	1.5000	1.5000	0.3000	500.0000	0.5000N	700.0000	10.0000N	30.0000	500.0000
166	AMM112	10.0000	3.0000	1.5000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
167	AMM113	10.0000	3.0000	1.0000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	300.0000
168	AMM283	15.0000	1.5000	0.7000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	300.0000
169	AMM242	10.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	500.0000
170	AMG936	5.0000	1.5000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
171	AMG937	5.0000	1.0000	0.3000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
172	AMG938	5.0000	1.0000	0.1500	0.5000	500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
173	AMG939	5.0000	1.0000	0.1500	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	150.0000
174	AMG919	7.0000	0.3000	1.0000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
175	AMG920	5.0000	0.2000	1.0000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
176	AMG911	7.0000	0.5000	0.7000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
177	AMG912	5.0000	0.1500	1.0000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
178	AMM167	5.0000	1.0000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
179	AMM168	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
180	AMM166	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	150.0000
181	AMG910	5.0000	0.2000	1.0000	0.3000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	700.0000
182	AMG909	5.0000	0.3000	1.0000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	200.0000	1000.0000
183	AMG908	7.0000	0.3000	1.0000	0.5000	1500.0000	0.5000N	200.0000N	10.0000N	300.0000	700.0000
184	AMG921	5.0000	0.1500	1.0000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
185	AMG922	5.0000	0.1500	1.0000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
186	AMG923	5.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
187	AMG925	5.0000	1.0000	0.1500	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
188	AMG935	10.0000	0.7000	0.1500	0.3000	200.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
189	AMG933	10.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
190	AMG934	5.0000	1.5000	0.1500	0.7000	10001.0000	0.5000	200.0000N	10.0000N	150.0000	700.0000
191	AMM240	5.0000	1.0000	0.7000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	150.0000	500.0000
192	AMM241	7.0000	1.5000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	500.0000
193	AMM284	10.0000	1.5000	0.7000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
194	AMM285	15.0000	5.0000	2.0000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	20.0000	300.0000
195	AMM286	15.0000	3.0000	2.0000	1.0000G	1500.0000	0.5000N	200.0000N	10.0000N	30.0000	300.0000
196	AMM237	7.0000	1.5000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
197	AMM238	7.0000	1.5000	0.3000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
198	AMM239	7.0000	1.5000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
199	AMG931	5.0000	1.0000	0.1500	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
200	AMG932	10.0000	1.0000	0.1500	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
201	AMG924	5.0000	1.0000	0.3000	0.5000	1000.0000	0.5000L	200.0000N	10.0000N	100.0000	700.0000
202	AMG927	5.0000	1.0000	0.3000	0.7000	700.0000	0.5000L	200.0000N	10.0000N	150.0000	1000.0000
203	AMG928	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
204	AMG926	5.0000	1.0000	0.2000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
205	AMG905	7.0000	0.5000	1.0000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
206	AMG907	7.0000	0.3000	0.7000	0.7000	700.0000	0.5000N	200.0000N	10.0000N	200.0000	700.0000
207	AMG906	3.0000	0.5000	1.0000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	300.0000	1000.0000
208	AMG904	5.0000	0.7000	1.5000	0.5000	1500.0000	0.5000L	200.0000L	10.0000N	300.0000	1000.0000
209	AMG903	5.0000	1.0000	1.0000	0.7000	1000.0000	0.5000L	300.0000	10.0000N	300.0000	700.0000
210	AMM161	5.0000	0.7000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
211	AMM160	5.0000	1.0000	0.5000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
212	AMM163	5.0000	1.0000	0.3000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
213	AMM162	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
214	AMM164	5.0000	1.0000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	BE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MO PPM	NB PPM	NI PPM
165	AMM111	1.0000L	10.0000N	20.0000N	30.0000	70.0000	50.0000	20.0000N	5.0000L	10.0000	50.0000
166	AMM112	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000N	5.0000L	10.0000	100.0000
167	AMM113	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
168	AMM283	1.0000	10.0000N	20.0000N	70.0000	100.0000	70.0000	20.0000N	5.0000L	10.0000	70.0000
169	AMM242	1.0000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000	5.0000N	10.0000	70.0000
170	AMG936	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	70.0000
171	AMG937	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
172	AMG938	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
173	AMG939	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
174	AMG919	1.5000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
175	AMG920	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	100.0000
176	AMG911	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
177	AMG912	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000	5.0000L	10.0000	100.0000
178	AMM167	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
179	AMM168	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
180	AMM166	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
181	AMG910	1.0000L	10.0000N	20.0000N	20.0000	100.0000	20.0000	20.0000N	5.0000N	10.0000L	50.0000
182	AMG909	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
183	AMG908	1.0000	10.0000N	20.0000N	20.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
184	AMG921	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000L	10.0000	70.0000
185	AMG922	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
186	AMG923	1.5000	10.0000N	20.0000N	20.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
187	AMG925	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
188	AMG935	1.0000L	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000L	100.0000
189	AMG933	1.5000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000	5.0000L	10.0000	100.0000
190	AMG934	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	100.0000
191	AMM240	1.5000	10.0000N	20.0000N	15.0000	100.0000	50.0000	20.0000L	5.0000N	10.0000	50.0000
192	AMM241	1.0000L	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000L	5.0000N	10.0000	70.0000
193	AMM284	1.0000L	10.0000N	20.0000N	50.0000	100.0000	70.0000	20.0000N	5.0000L	10.0000	70.0000
194	AMM285	1.0000L	10.0000N	20.0000N	70.0000	300.0000	70.0000	20.0000N	5.0000L	10.0000	150.0000
195	AMM286	1.0000L	10.0000N	20.0000N	70.0000	150.0000	70.0000	20.0000N	5.0000L	10.0000	100.0000
196	AMM237	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
197	AMM238	2.0000	10.0000N	20.0000N	70.0000	150.0000	70.0000	20.0000L	5.0000L	10.0000	100.0000
198	AMM239	1.0000	10.0000N	20.0000N	70.0000	150.0000	50.0000	20.0000	5.0000N	10.0000	150.0000
199	AMG931	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000L	70.0000
200	AMG932	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	70.0000	5.0000N	10.0000	70.0000
201	AMG924	1.5000	10.0000N	20.0000N	20.0000	150.0000	50.0000	20.0000L	5.0000L	10.0000	100.0000
202	AMG927	1.5000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
203	AMG928	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
204	AMG926	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
205	AMG905	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
206	AMG907	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
207	AMG906	1.5000	10.0000N	20.0000N	20.0000	70.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
208	AMG904	1.5000	10.0000N	20.0000N	20.0000	100.0000	30.0000	20.0000L	5.0000L	10.0000	70.0000
209	AMG903	1.5000	10.0000N	20.0000N	20.0000	70.0000	50.0000	200.0000	5.0000L	10.0000	30.0000
210	AMM161	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
211	AMM160	1.0000	10.0000N	20.0000N	20.0000	150.0000	15.0000	20.0000L	5.0000N	10.0000	100.0000
212	AMM163	1.0000	10.0000N	20.0000N	20.0000	200.0000	20.0000	20.0000L	5.0000N	10.0000	70.0000
213	AMM162	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
214	AMM164	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	P8 PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
145	AMM111	10.0000	100.0000N	15.0000	10.0000N	150.0000	150.0000	50.0000N	15.0000	200.0000N	70.0000
146	AMM112	15.0000	100.0000N	30.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
167	AMM113	20.0000	100.0000N	30.0000	10.0000N	200.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
168	AMM283	15.0000	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
169	AMM242	20.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
170	AMG936	10.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
171	AMG937	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
172	AMG938	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	200.0000
173	AMG939	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
174	AMG919	20.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
175	AMG920	20.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	200.0000
176	AMG911	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
177	AMG912	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
178	AMM167	20.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
179	AMM168	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
180	AMM166	15.0000	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	150.0000
181	AMG910	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	150.0000	50.0000N	15.0000	200.0000L	100.0000
182	AMG909	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	200.0000
183	AMG908	15.0000	100.0000N	15.0000	10.0000L	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
184	AMG921	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	150.0000
185	AMG922	20.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
186	AMG923	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
187	AMG925	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
188	AMG935	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
189	AMG933	30.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	30.0000	200.0000L	200.0000
190	AMG934	20.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	30.0000	200.0000L	100.0000
191	AMM240	15.0000	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	15.0000	200.0000L	150.0000
192	AMM241	15.0000	100.0000N	15.0000	10.0000N	150.0000	200.0000	50.0000N	10.0000	200.0000L	150.0000
193	AMM284	15.0000	100.0000N	20.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
194	AMM285	10.0000	100.0000N	30.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
195	AMM286	10.0000	100.0000N	20.0000	10.0000N	150.0000	300.0000	50.0000N	20.0000	200.0000N	100.0000
196	AMM237	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	300.0000
197	AMM238	30.0000	100.0000N	20.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	200.0000
198	AMM239	20.0000	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	300.0000
199	AMG931	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
200	AMG932	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
201	AMG924	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
202	AMG927	30.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
203	AMG928	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
204	AMG926	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
205	AMG905	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
206	AMG907	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	300.0000
207	AMG906	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	70.0000
208	AMG904	30.0000	100.0000N	15.0000	10.0000L	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
209	AMG903	30.0000	100.0000N	15.0000	10.0000L	150.0000	200.0000	50.0000N	30.0000	200.0000L	300.0000
210	AMM161	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	200.0000
211	AMM160	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
212	AMM163	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	150.0000
213	AMM162	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
214	AMM164	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	300.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	AU PPM	HG PPM
165	AMM111	0.0200L	1.1000
166	AMM112	0.0200L	0.2800
167	AMM113	0.2000L	0.1200
168	AMM283	0.1000L	0.0900
169	AMM242	0.1000L	0.2200
170	AMG936	0.0200L	0.1200
171	AMG937	0.0200L	0.0900
172	AMG938	0.0200L	0.1200
173	AMG939	0.0200L	0.1300
174	AMG919	0.0200L	0.1000
175	AMG920	0.0200L	0.1000
176	AMG911	0.0200L	0.2600
177	AMG912	0.0200L	0.1600
178	AMM167	0.0200L	0.3000
179	AMM168	0.0400L	0.2000
180	AMM166	0.1000L	0.2800
181	AMG910	0.0200L	0.2600
182	AMG909	0.0200L	0.4000
183	AMG908	0.0200L	0.6500
184	AMG921	0.0200L	0.0600
185	AMG922	0.0200L	0.0800
186	AMG923	0.0200L	1.2000
187	AMG925	0.0200L	0.0800
188	AMG935	0.0200L	0.1300
189	AMG933	0.0200L	0.1300
190	AMG934	0.0200L	0.1800
191	AMM240	0.1000L	0.1400
192	AMM241	0.0400L	0.1400
193	AMM284	0.0200L	0.0600
194	AMM285	0.0600	0.0600
195	AMM286	0.0600	0.1800
196	AMM237	0.0200L	0.1200
197	AMM238	0.0200L	0.2600
198	AMM239	0.0200L	0.1400
199	AMG931	0.0200L	0.0800
200	AMG932	0.0200L	0.0900
201	AMG924	0.0200L	0.1000
202	AMG927	0.0200L	0.1000
203	AMG928	0.0200L	0.0900
204	AMG926	0.0200L	0.0800
205	AMG905	0.0200L	0.1000
206	AMG907	0.0200L	0.8000
207	AMG906	0.0200L	0.2600
208	AMG904	0.0200L	0.1300
209	AMG903	0.0200L	0.8000
210	AMM161	0.0400L	0.2000
211	AMM160	0.0200L	0.1500
212	AMM163	0.0200L	0.1600
213	AMM162	0.2000L	0.2600
214	AMM164	0.1000L	0.1000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	FE PCT	MG PCT	CA PCT	TI PCT	MN PPM	AG PPM	AS PPM	AU PPM	B PPM	BA PPM
215	AMM165	5.0000	0.7000	0.2000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
216	AMM173	5.0000	1.0000	0.3000	0.7000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
217	AMM169	5.0000	1.0000	0.3000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
218	AMM170	5.0000	1.0000	0.3000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
219	AMM159	5.0000	1.0000	0.3000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	700.0000
220	AMG902	5.0000	0.7000	1.5000	0.5000	1500.0000	0.5000N	200.0000L	10.0000N	300.0000	1500.0000
221	AMG900	5.0000	1.0000	0.7000	0.5000	700.0000	0.7000	500.0000	10.0000N	300.0000	700.0000
222	AMG901	5.0000	1.5000	1.0000	0.5000	1000.0000	0.5000L	200.0000N	10.0000N	150.0000	700.0000
223	AMM182	7.0000	1.0000	0.2000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	70.0000	1000.0000
224	AMM183	7.0000	1.5000	0.2000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	1000.0000
225	AMM184	5.0000	1.0000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	50.0000	700.0000
226	AMM185	5.0000	1.5000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
227	AMM236	10.0000	2.0000	0.5000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
228	AMM235	10.0000	1.5000	0.5000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	70.0000	1000.0000
229	AMM287	10.0000	3.0000	1.5000	1.0000	2000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
230	AMM234	10.0000	3.0000	0.7000	0.7000	2000.0000	0.5000N	200.0000N	10.0000N	50.0000	700.0000
231	AMM181	5.0000	1.0000	0.2000	0.5000	700.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
232	AMM180	5.0000	1.0000	0.2000	0.5000	1000.0000	0.5000N	200.0000N	10.0000N	70.0000	700.0000
233	AMM179	10.0000	1.5000	0.2000	0.7000	1500.0000	0.5000N	200.0000N	10.0000N	150.0000	1000.0000
234	AMM178	10.0000	1.0000	0.3000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	150.0000	1500.0000
235	AMM177	7.0000	1.5000	0.1500	0.7000	700.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
236	AMM176	7.0000	1.0000	0.2000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	70.0000	1000.0000
237	AMM175	10.0000	1.5000	0.3000	0.7000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
238	AMM174	10.0000	1.5000	0.5000	0.7000	1000.0000	0.5000N	200.0000N	10.0000N	100.0000	1000.0000
239	AMM171	5.0000	1.0000	0.3000	0.5000	300.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000
240	AMM172	7.0000	1.0000	0.3000	0.5000	500.0000	0.5000N	200.0000N	10.0000N	100.0000	1500.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	BE PPM	BI PPM	CD PPM	CO PPM	CR PPM	CU PPM	LA PPM	MG PPM	NB PPM	NI PPM
215	AMM165	1.5000	10.0000N	20.0000N	20.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	70.0000
216	AMM173	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
217	AMM169	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
218	AMM170	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	30.0000	5.0000N	10.0000	100.0000
219	AMM159	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	100.0000
220	AMG902	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
221	AMG900	1.5000	10.0000N	20.0000N	15.0000	70.0000	70.0000	20.0000L	5.0000L	10.0000	50.0000
222	AMG901	1.5000	10.0000N	20.0000N	20.0000	150.0000	20.0000	20.0000L	5.0000L	10.0000	50.0000
223	AMM182	1.0000	10.0000N	20.0000N	30.0000	300.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
224	AMM183	1.0000	10.0000N	20.0000N	30.0000	150.0000	50.0000	20.0000L	5.0000N	10.0000	100.0000
225	AMM184	1.0000L	10.0000N	20.0000N	50.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
226	AMM185	1.5000	10.0000N	20.0000N	30.0000	150.0000	30.0000	70.0000	5.0000N	10.0000	70.0000
227	AMM236	1.0000	10.0000N	20.0000N	30.0000	150.0000	70.0000	150.0000	5.0000L	10.0000	100.0000
228	AMM235	1.5000	10.0000N	20.0000N	70.0000	150.0000	70.0000	20.0000N	5.0000L	10.0000	100.0000
229	AMM287	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000N	5.0000L	10.0000	100.0000
230	AMM234	1.0000L	10.0000N	20.0000N	70.0000	700.0000	70.0000	20.0000L	5.0000L	10.0000	200.0000
231	AMM181	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
232	AMM180	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000	5.0000N	10.0000	70.0000
233	AMM179	1.0000	10.0000N	20.0000N	50.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	100.0000
234	AMM178	1.5000	10.0000N	20.0000N	30.0000	150.0000	70.0000	20.0000	5.0000L	10.0000	100.0000
235	AMM177	1.0000	10.0000N	20.0000N	30.0000	150.0000	30.0000	20.0000	5.0000N	10.0000	70.0000
236	AMM176	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000N	5.0000N	10.0000	70.0000
237	AMM175	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	30.0000	5.0000N	10.0000	70.0000
238	AMM174	1.5000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
239	AMM171	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000
240	AMM172	1.0000	10.0000N	20.0000N	20.0000	150.0000	30.0000	20.0000L	5.0000N	10.0000	70.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	PB PPM	SB PPM	SC PPM	SN PPM	SR PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
215	AMM165	20.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
216	AMM173	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
217	AMM169	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	200.0000
218	AMM170	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	300.0000
219	AMM159	20.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
220	AMG902	15.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	150.0000
221	AMG900	50.0000	100.0000N	15.0000	15.0000	150.0000	150.0000	50.0000N	30.0000	200.0000L	150.0000
222	AMG901	20.0000	100.0000N	15.0000	10.0000N	200.0000	200.0000	50.0000N	30.0000	200.0000L	100.0000
223	AMM182	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	20.0000	200.0000L	100.0000
224	AMM183	30.0000	100.0000N	15.0000	10.0000N	100.0000	300.0000	50.0000N	15.0000	200.0000L	150.0000
225	AMM184	20.0000	100.0000N	15.0000	10.0000N	100.0000L	150.0000	50.0000N	15.0000	200.0000L	200.0000
226	AMM185	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
227	AMM236	20.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	20.0000	200.0000L	100.0000
228	AMM235	30.0000	100.0000N	20.0000	10.0000N	100.0000	500.0000	50.0000N	30.0000	200.0000L	300.0000
229	AMM287	15.0000	100.0000N	20.0000	10.0000N	200.0000	300.0000	50.0000N	20.0000	200.0000L	150.0000
230	AMM234	15.0000	100.0000N	20.0000	10.0000N	100.0000	300.0000	50.0000N	15.0000	200.0000L	200.0000
231	AMM181	15.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000	300.0000
232	AMM180	20.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
233	AMM179	30.0000	100.0000N	20.0000	10.0000N	100.0000L	300.0000	50.0000N	20.0000	200.0000L	200.0000
234	AMM178	15.0000	100.0000N	20.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000	150.0000
235	AMM177	10.0000L	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	150.0000
236	AMM176	10.0000	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	100.0000
237	AMM175	10.0000	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	20.0000	200.0000L	200.0000
238	AMM174	10.0000L	100.0000N	15.0000	10.0000N	100.0000	200.0000	50.0000N	15.0000	200.0000L	300.0000
239	AMM171	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	300.0000	50.0000N	15.0000	200.0000L	150.0000
240	AMM172	10.0000N	100.0000N	15.0000	10.0000N	100.0000L	200.0000	50.0000N	15.0000	200.0000L	200.0000

TAYLOR MOUNTAINS C-8 ST. SED.

	SAMPLE	AU PPM	HG PPM
215	AMM165	0.1000L	0.3600
216	AMM173	0.1000L	0.2000
217	AMM169	0.1000L	0.2000
218	AMM170	0.0200L	0.1600
219	AMM159	0.2000L	0.1600
220	AMG902	0.0200L	0.1200
221	AMG900	0.0200L	1.3000
222	AMG901	0.0200L	0.1000
223	AMM182	0.0200L	0.3500
224	AMM183	0.1000L	0.1000
225	AMM184	0.0200L	0.1400
226	AMM185	0.0400L	0.1000
227	AMM236	0.0200L	0.5000
228	AMM235	0.1000L	0.2400
229	AMM287	0.0400L	0.1200
230	AMM234	0.0200L	0.1600
231	AMM181	0.0400L	0.2200
232	AMM180	0.2000L	0.3000
233	AMM179	0.0200L	0.1600
234	AMM178	0.0200L	0.2200
235	AMM177	0.0200L	0.1100
236	AMM176	0.0400L	0.1600
237	AMM175	0.0200L	0.1600
238	AMM174	0.0400L	0.1300
239	AMM171	0.0200L	0.1100
240	AMM172	0.0400L	0.1400

FREQUENCY TABLE FOR COLUMN 1 (FE PCT)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	0	0	0.0	0.0
8.3E-02	1.2E-01	0	0	0.0	0.0
1.2E-01	1.8E-01	0	0	0.0	0.0
1.8E-01	2.6E-01	0	0	0.0	0.0
2.6E-01	3.8E-01	0	0	0.0	0.0
3.8E-01	5.6E-01	0	0	0.0	0.0
5.6E-01	8.3E-01	0	0	0.0	0.0
8.3E-01	1.2E 00	1	1	0.44	0.44
1.2E 00	1.8E 00	0	1	0.0	0.44
1.8E 00	2.6E 00	0	1	0.0	0.44
2.6E 00	3.8E 00	14	15	6.19	6.64
3.8E 00	5.6E 00	90	105	39.82	46.46
5.6E 00	8.3E 00	60	165	26.55	73.01
8.3E 00	1.2E 01	49	214	21.68	94.69
1.2E 01	1.8E 01	12	226	5.31	100.00

HISTOGRAM FOR COLUMN 1 (FE PCT)

3.0E 00 XXXXXX
5.0E 00 XX
7.0E 00 XX
1.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.5E 01 XXXXX

N L H B T G
0 0 0 0 0 0
0.0 0.0 0.0 0.0 0.0 0.0

ANALYTICAL
VALUES
226

MAXIMUM = 1.50000E 01
MINIMUM = 1.00000E 00
GEOMETRIC MEAN = 6.47920E 00
GEOMETRIC DEVIATION = 1.49092E 00

FREQUENCY TABLE FOR COLUMN 2 (MG PCT)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
1.8E-02	2.6E-02	0	0	0.0	0.0
2.6E-02	3.8E-02	0	0	0.0	0.0
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	0	0	0.0	0.0
8.3E-02	1.2E-01	0	0	0.0	0.0
1.2E-01	1.8E-01	6	6	2.65	2.65
1.8E-01	2.6E-01	4	10	1.77	4.42
2.6E-01	3.8E-01	5	15	2.21	6.64
3.8E-01	5.6E-01	3	18	1.33	7.96
5.6E-01	8.3E-01	20	38	8.85	16.81
8.3E-01	1.2E 00	83	121	36.73	53.54
1.2E 00	1.8E 00	82	203	36.28	89.82
1.8E 00	2.6E 00	14	217	6.19	96.02
2.6E 00	3.8E 00	8	225	3.54	99.56
3.8E 00	5.6E 00	1	226	0.44	100.00

HISTOGRAM FOR COLUMN 2 (MG PCT)

1.5E-01 XXX
 2.0E-01 XX
 3.0E-01 XX
 5.0E-01 X
 7.0E-01 XXXXXXXXX
 1.0E 00 XX
 1.5E 00 XX
 2.0E 00 XXXXXX
 3.0E 00 XXXX
 5.0E 00

N 0 0.0
 L 0 0.0
 H 0
 B 0
 T 0 0.0
 G 0 0.0

ANALYTICAL
 VALUES
 226

MAXIMUM = 5.00000E 00

MINIMUM = 1.50000E-01

GEOMETRIC MEAN = 1.09397E 00

GEOMETRIC DEVIATION = 1.77320E 00

FREQUENCY TABLE FOR COLUMN 3 (CA PCT)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	0	0	0.0	0.0
8.3E-02	1.2E-01	0	0	0.0	0.0
1.2E-01	1.8E-01	17	17	7.52	7.52
1.8E-01	2.6E-01	55	72	24.34	31.86
2.6E-01	3.8E-01	56	128	24.78	56.64
3.8E-01	5.6E-01	21	149	9.29	65.93
5.6E-01	8.3E-01	36	185	15.93	81.86
8.3E-01	1.2E 00	27	212	11.95	93.81
1.2E 00	1.8E 00	11	223	4.87	98.67
1.8E 00	2.6E 00	3	226	1.33	100.00

HISTOGRAM FOR COLUMN 3 (CA PCT)

1.5E-01 XXXXXXXX
 2.0E-01 XXXXXXXXXXXXXXXXXXXXXXXX
 3.0E-01 XXXXXXXXXXXXXXXXXXXXXXXX
 5.0E-01 XXXXXXXXX
 7.0E-01 XXXXXXXXXXXXXXXX
 1.0E 00 XXXXXXXXXXXXX
 1.5E 00 XXXXX
 2.0E 00 X

N L H B T G
 0 0 0 0 0 0
 0.0 0.0 0.0 0.0

ANALYTICAL
 VALUES
 226

MAXIMUM = 2.00000E 00
 MINIMUM = 1.50000E-01
 GEOMETRIC MEAN = 3.96538E-01
 GEOMETRIC DEVIATION = 2.00815E 00

FREQUENCY TABLE FOR COLUMN 4 (TI PCT)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
1.8E-03	2.6E-03	0	0	0.0	0.0
2.6E-03	3.8E-03	0	0	0.0	0.0
3.8E-03	5.6E-03	0	0	0.0	0.0
5.6E-03	8.3E-03	0	0	0.0	0.0
8.3E-03	1.2E-02	0	0	0.0	0.0
1.2E-02	1.8E-02	0	0	0.0	0.0
1.8E-02	2.6E-02	0	0	0.0	0.0
2.6E-02	3.8E-02	0	0	0.0	0.0
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	0	0	0.0	0.0
8.3E-02	1.2E-01	0	0	0.0	0.0
1.2E-01	1.8E-01	0	0	0.0	0.0
1.8E-01	2.6E-01	0	0	0.0	0.0
2.6E-01	3.8E-01	6	6	2.65	2.65
3.8E-01	5.6E-01	91	97	40.27	42.92
5.6E-01	8.3E-01	119	216	52.65	95.58
8.3E-01	1.2E 00	5	221	2.21	97.79

HISTOGRAM FOR COLUMN 4 (TI PCT)

3.0E-01 XXX

5.0E-01 XX

7.0E-01 XX

1.0E 00 XX

N	L	H	B	T	G	ANALYTICAL VALUES
0	0	0	0	0	5	221
0.0	0.0			0.0	2.21	

MAXIMUM = 1.00000E 00

MINIMUM = 3.00000E-01

GEOMETRIC MEAN = 6.00408E-01

GEOMETRIC DEVIATION = 1.23818E 00

FREQUENCY TABLE FOR COLUMN 5 (MN PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER	UPPER			FREQ	FREQ CUM
8.3E 00	- 1.2E 01	0	0	0.0	0.0
1.2E 01	- 1.8E 01	0	0	0.0	0.0
1.8E 01	- 2.6E 01	0	0	0.0	0.0
2.6E 01	- 3.8E 01	0	0	0.0	0.0
3.8E 01	- 5.6E 01	0	0	0.0	0.0
5.6E 01	- 8.3E 01	0	0	0.0	0.0
8.3E 01	- 1.2E 02	1	1	0.44	0.44
1.2E 02	- 1.8E 02	1	2	0.44	0.88
1.8E 02	- 2.6E 02	3	5	1.33	2.21
2.6E 02	- 3.8E 02	17	22	7.52	9.73
3.8E 02	- 5.6E 02	33	55	14.60	24.34
5.6E 02	- 8.3E 02	42	97	18.58	42.92
8.3E 02	- 1.2E 03	63	160	27.88	70.80
1.2E 03	- 1.8E 03	52	212	23.01	93.81
1.8E 03	- 2.6E 03	11	223	4.87	98.67
2.6E 03	- 3.8E 03	0	223	0.0	98.67
3.8E 03	- 5.6E 03	1	224	0.44	99.12
5.6E 03	- 8.3E 03	0	224	0.0	99.12
8.3E 03	- 1.2E 04	2	226	0.88	100.00

HISTOGRAM FOR COLUMN 5 (MN PPM)

2.0E 02 X

3.0E 02 XXXXXXXX

5.0E 02 XXXXXXXXXXXXXXXX

7.0E 02 XXXXXXXXXXXXXXXXXXXX

1.0E 03 XXXXXXXXXXXXXXXXXXXXXXXX

1.5E 03 XXXXXXXXXXXXXXXXXXXXXXXX

2.0E 03 XXXXX

3.0E 03

5.0E 03

7.0E 03

1.0E 04 X

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

ANALYTICAL
VALUES
226

MAXIMUM = 1.00010E 04

MINIMUM = 1.00000E 02

GEOMETRIC MEAN = 8.66219E 02

GEOMETRIC DEVIATION = 1.85048E 00

FREQUENCY TABLE FOR COLUMN 6 (AG PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E-01	5.6E-01	2	2	0.88	0.88
5.6E-01	8.3E-01	1	3	0.44	1.33

HISTOGRAM FOR COLUMN 6 (AG PPM)

5.0E-01 X

7.0E-01

N	L	H	B	T	G	ANALYTICAL VALUES
216	7	0	0	0	0	3
95.58	3.10			0.0	0.0	

MAXIMUM = 7.00000E-01

MINIMUM = 5.00000E-01

GEOMETRIC MEAN = 5.59345E-01

GEOMETRIC DEVIATION = 1.21441E 00

FREQUENCY TABLE FOR COLUMN 7 (AS PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
1.8E 02	2.6E 02	0	0	0.0	0.0
2.6E 02	3.8E 02	2	2	0.88	0.88
3.8E 02	5.6E 02	1	3	0.44	1.33
5.6E 02	8.3E 02	2	5	0.88	2.21

HISTOGRAM FOR COLUMN 7 (AS PPM)

3.0E 02 X

5.0E 02

7.0E 02 X

N	L	H	B	T	G
218	3	0	0	0	0
96.46	1.33			0.0	0.0

ANALYTICAL
VALUES
5

MAXIMUM = 7.00000E 02

MINIMUM = 3.00000E 02

GEOMETRIC MEAN = 4.66316E 02

GEOMETRIC DEVIATION = 1.53020E 00

FREQUENCY TABLE FOR COLUMN 8 (AU PPM)

LIMITS
LOWER - UPPER

FREQ

FREQ
CUM

PERCENT
FREQ

PERCENT
FREQ CUM

ANALYTICAL
VALUES

N	L	H	B	T	G
226	0	0	0	0	0
*****	0.0			0.0	0.0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 9 (B PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER -	UPPER				
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	1	1	0.44	0.44
2.6E 01 -	3.8E 01	12	13	5.31	5.75
3.8E 01 -	5.6E 01	19	32	8.41	14.16
5.6E 01 -	8.3E 01	71	103	31.42	45.58
8.3E 01 -	1.2E 02	76	179	33.63	79.20
1.2E 02 -	1.8E 02	39	218	17.26	96.46
1.8E 02 -	2.6E 02	2	220	0.88	97.35
2.6E 02 -	3.8E 02	6	226	2.65	100.00

HISTOGRAM FOR COLUMN 9 (B PPM)

3.0E 01 XXXXX

5.0E 01 XXXXXXXX

7.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXX

2.0E 02 X

3.0E 02 XXX

ANALYTICAL
VALUES
226

N 0 0.0
L 0 0.0
H 0
B 0
T 0 0.0
G 0 0.0

MAXIMUM = 3.00000E 02

MINIMUM = 2.00000E 01

GEOMETRIC MEAN = 8.72686E 01

GEOMETRIC DEVIATION = 1.59225E 00

FREQUENCY TABLE FOR COLUMN 10 (BA PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER -	UPPER				
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	0	0	0.0	0.0
3.8E 01 -	5.6E 01	0	0	0.0	0.0
5.6E 01 -	8.3E 01	0	0	0.0	0.0
8.3E 01 -	1.2E 02	0	0	0.0	0.0
1.2E 02 -	1.8E 02	2	2	0.88	0.88
1.8E 02 -	2.6E 02	0	2	0.0	0.88
2.6E 02 -	3.8E 02	47	49	20.80	21.68
3.8E 02 -	5.6E 02	33	82	14.60	36.28
5.6E 02 -	8.3E 02	93	175	41.15	77.43
8.3E 02 -	1.2E 03	31	206	13.72	91.15
1.2E 03 -	1.8E 03	20	226	8.85	100.00

HISTOGRAM FOR COLUMN 10 (BA PPM)

1.5E 02 X
 2.0E 02
 3.0E 02 XXXXXXXXXXXXXXXXXXXX
 5.0E 02 XXXXXXXXXXXXXXXX
 7.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 1.0E 03 XXXXXXXXXXXXXXXX
 1.5E 03 XXXXXXXXX

N 0 0.0
 L 0 0.0
 H 0
 B 0
 T 0 0.0
 G 0 0.0

ANALYTICAL
 VALUES
 226

MAXIMUM = 1.50000E 03
 MINIMUM = 1.50000E 02
 GEOMETRIC MEAN = 6.19136E 02
 GEOMETRIC DEVIATION = 1.63759E 00

FREQUENCY TABLE FOR COLUMN 11 (BE PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E-01	1.2E 00	122	122	53.98	53.98
1.2E 00	1.8E 00	52	174	23.01	76.99
1.8E 00	2.6E 00	4	178	1.77	78.76

HISTOGRAM FOR COLUMN 11 (BE PPM)

1.0E 00 XX

1.5E 00 XXXXXXXXXXXXXXXXXXXXXXXX

2.0E 00 XX

N	L	H	B	T	G	ANALYTICAL VALUES
0	48	0	0	0	0	178
0.0	21.24			0.0	0.0	

MAXIMUM = 2.00000E 00

MINIMUM = 1.00000E 00

GEOMETRIC MEAN = 1.14342E 00

GEOMETRIC DEVIATION = 1.22472E 00

FREQUENCY TABLE FOR COLUMN 12 (BI PPM)

LIMITS
LOWER - UPPER

FREQ

FREQ
CUM

PERCENT
FREQ

PERCENT
FREQ CUM

ANALYTICAL
VALUES

N	L	H	B	T	G
226	0	0	0	0	0
*****	0.0			0.0	0.0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 13 (CD PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM

N	L	H	B	T	G
226	0	0	0	0	0
*****	0.0			0.0	0.0

ANALYTICAL
VALUES
0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 14 (CO PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E 00	5.6E 00	0	0	0.0	0.0
5.6E 00	8.3E 00	0	0	0.0	0.0
8.3E 00	1.2E 01	1	1	0.44	0.44
1.2E 01	1.8E 01	9	10	3.98	4.42
1.8E 01	2.6E 01	63	73	27.88	32.30
2.6E 01	3.8E 01	114	187	50.44	82.74
3.8E 01	5.6E 01	28	215	12.39	95.13
5.6E 01	8.3E 01	9	224	3.98	99.12
8.3E 01	1.2E 02	2	226	0.88	100.00

HISTOGRAM FOR COLUMN 14 (CO PPM)

1.5E 01 XXXX

2.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 01 XX

5.0E 01 XXXXXXXXXXXXX

7.0E 01 XXXX

1.0E 02 X

ANALYTICAL
VALUES
226

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

MAXIMUM = 1.00000E 02

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 2.88855E 01

GEOMETRIC DEVIATION = 1.46047E 00

FREQUENCY TABLE FOR COLUMN 15 (CR PPM)

LIMITS		FREQ		PERCENT	
LOWER	UPPER	FREQ	CUM	FREQ	CUM
3.8E 00	5.6E 00	0	0	0.0	0.0
5.6E 00	8.3E 00	0	0	0.0	0.0
8.3E 00	1.2E 01	0	0	0.0	0.0
1.2E 01	1.8E 01	0	0	0.0	0.0
1.8E 01	2.6E 01	0	0	0.0	0.0
2.6E 01	3.8E 01	1	1	0.44	0.44
3.8E 01	5.6E 01	0	1	0.0	0.44
5.6E 01	8.3E 01	26	27	11.50	11.95
8.3E 01	1.2E 02	37	64	16.37	28.32
1.2E 02	1.8E 02	154	218	68.14	96.46
1.8E 02	2.6E 02	3	221	1.33	97.79
2.6E 02	3.8E 02	2	223	0.88	98.67
3.8E 02	5.6E 02	1	224	0.44	99.12
5.6E 02	8.3E 02	2	226	0.88	100.00

HISTOGRAM FOR COLUMN 15 (CR PPM)

7.0E 01 XXXXXXXXXXXXX

1.0E 02 XXXXXXXXXXXXXXXXXXXX

1.5E 02 XX

2.0E 02 X

3.0E 02 X

5.0E 02

7.0E 02 X

ANALYTICAL
VALUES
226

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

MAXIMUM = 7.00000E 02

MINIMUM = 3.00000E 01

GEOMETRIC MEAN = 1.31406E 02

GEOMETRIC DEVIATION = 1.41720E 00

FREQUENCY TABLE FOR COLUMN 16 (CU PPM)

LIMITS		FREQ	FREQ CUM	PERCENT FREQ	PERCENT FREQ CUM
LOWER	UPPER				
3.8E 00	5.6E 00	0	0	0.0	0.0
5.6E 00	8.3E 00	0	0	0.0	0.0
8.3E 00	1.2E 01	0	0	0.0	0.0
1.2E 01	1.8E 01	7	7	3.10	3.10
1.8E 01	2.6E 01	17	24	7.52	10.62
2.6E 01	3.8E 01	116	140	51.33	61.95
3.8E 01	5.6E 01	37	177	16.37	78.32
5.6E 01	8.3E 01	46	223	20.35	98.67
8.3E 01	1.2E 02	1	224	0.44	99.12
1.2E 02	1.8E 02	1	225	0.44	99.56
1.8E 02	2.6E 02	1	226	0.44	100.00

HISTOGRAM FOR COLUMN 16 (CU PPM)

1.5E 01 XXX
 2.0E 01 XXXXXXXX
 3.0E 01 XX
 5.0E 01 XXXXXXXXXXXXXXXX
 7.0E 01 XXXXXXXXXXXXXXXXXXXXX
 1.0E 02
 1.5E 02
 2.0E 02

N L H B T G
 0 0 0 0 0 0
 0.0 0.0 0.0 0.0 0.0 0.0

ANALYTICAL
 VALUES
 226

MAXIMUM = 2.00000E 02

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 3.75652E 01

GEOMETRIC DEVIATION = 1.56508E 00

FREQUENCY TABLE FOR COLUMN 17 (LA PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
1.8E 01 -	2.6E 01	18	18	7.96	7.96
2.6E 01 -	3.8E 01	3	21	1.33	9.29
3.8E 01 -	5.6E 01	0	21	0.0	9.29
5.6E 01 -	8.3E 01	2	23	0.88	10.18
8.3E 01 -	1.2E 02	0	23	0.0	10.18
1.2E 02 -	1.8E 02	1	24	0.44	10.62
1.8E 02 -	2.6E 02	1	25	0.44	11.06

HISTOGRAM FOR COLUMN 17 (LA PPM)

2.0E 01 XXXXXXXX

3.0E 01 X

5.0E 01

7.0E 01 X

1.0E 02

1.5E 02

2.0E 02

ANALYTICAL
VALUES
25

N	L	H	B	T	G
52	149	0	0	0	0
23.01	65.93			0.0	0.0

MAXIMUM = 2.00000E 02

MINIMUM = 2.00000E 01

GEOMETRIC MEAN = 2.75857E 01

GEOMETRIC DEVIATION = 1.93202E 00

FREQUENCY TABLE FOR COLUMN 18 (MO PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
3.8E 00	5.6E 00	2	2	0.88	0.88

HISTOGRAM FOR COLUMN 18 (MO PPM)

5.0E 00 X

N	L	H	B	T	G	ANALYTICAL VALUES
128	96	0	0	0	0	2
56.64	42.48			0.0	0.0	

MAXIMUM = 5.00000E 00

MINIMUM = 5.00000E 00

GEOMETRIC MEAN = 5.00000E 00

GEOMETRIC DEVIATION = 1.00159E 00

FREQUENCY TABLE FOR COLUMN 19 (NB PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00	1.2E 01	212	212	93.81	93.81

HISTOGRAM FOR COLUMN 19 (NB PPM)

1.0E 01 XXX

N	L	H	B	T	G	ANALYTICAL VALUES
0	14	0	0	0	0	212
0.0	6.19			0.0	0.0	

MAXIMUM = 1.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 9.99966E 00

GEOMETRIC DEVIATION = 1.00870E 00

FREQUENCY TABLE FOR COLUMN 20 (NI PPM)

LIMITS		FREQ	FREQ CUM	PERCENT	
LOWER -	UPPER			FREQ	PERCENT FREQ CUM
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	10	10	4.42	4.42
3.8E 01 -	5.6E 01	20	30	8.85	13.27
5.6E 01 -	8.3E 01	105	135	46.46	59.73
8.3E 01 -	1.2E 02	86	221	38.05	97.79
1.2E 02 -	1.8E 02	4	225	1.77	99.56
1.8E 02 -	2.6E 02	1	226	0.44	100.00

HISTOGRAM FOR COLUMN 20 (NI PPM)

3.0E 01 XXXX

5.0E 01 XXXXXXXXXX

7.0E 01 XX

1.0E 02 XX

1.5E 02 XX

2.0E 02

ANALYTICAL
VALUES
226

N L H B T G
0 0 0 0 0 0
0.0 0.0 0.0 0.0

MAXIMUM = 2.00000E 02

MINIMUM = 3.00000E 01

GEOMETRIC MEAN = 7.63257E 01

GEOMETRIC DEVIATION = 1.36924E 00

FREQUENCY TABLE FOR COLUMN 21 (PB PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	59	59	26.11	26.11
1.2E 01 -	1.8E 01	70	129	30.97	57.08
1.8E 01 -	2.6E 01	33	162	14.60	71.68
2.6E 01 -	3.8E 01	18	180	7.96	79.65
3.8E 01 -	5.6E 01	3	183	1.33	80.97

HISTOGRAM FOR COLUMN 21 (PB PPM)

1.0E 01 XXXXXXXXXXXXXXXXXXXXXXXX
 1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXX
 2.0E 01 XXXXXXXXXXXXXXXX
 3.0E 01 XXXXXXXX
 5.0E 01 X

N	L	H	B	T	G
13	30	0	0	0	0
5.75	13.27			0.0	0.0

ANALYTICAL
VALUES
183

MAXIMUM = 5.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.51363E 01

GEOMETRIC DEVIATION = 1.45310E 00

FREQUENCY TABLE FOR COLUMN 22 (58 PPM)

LIMITS
LOWER - UPPER

FREQ

FREQ
CUM

PERCENT
FREQ

PERCENT
FREQ CUM

ANALYTICAL
VALUES
0

N	L	H	B	T	G
226	0	0	0	0	0
*****	0.0			0.0	0.0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 23 (SC PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
3.8E 00 -	5.6E 00	0	0	0.0	0.0
5.6E 00 -	8.3E 00	0	0	0.0	0.0
8.3E 00 -	1.2E 01	3	3	1.33	1.33
1.2E 01 -	1.8E 01	139	142	61.50	62.83
1.8E 01 -	2.6E 01	64	206	28.32	91.15
2.6E 01 -	3.8E 01	20	226	8.85	100.00

HISTOGRAM FOR COLUMN 23 (SC PPM)

1.0E 01 X

1.5E 01 XX

2.0E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 01 XXXXXXXXX

N	L	H	B	T	G	ANALYTICAL
0	0	0	0	0	0	VALUES
0.0	0.0			0.0	0.0	226

MAXIMUM = 3.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.72093E 01

GEOMETRIC DEVIATION = 1.24885E 00

FREQUENCY TABLE FOR COLUMN 24 (SN PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	1	1	0.44	0.44

HISTOGRAM FOR COLUMN 24 (SN PPM)

N	L	H	B	T	G	ANALYTICAL VALUES
222	3	0	0	0	0	1
98.23	1.33			0.0	0.0	

MAXIMUM = 1.50000E 01

MINIMUM = 1.50000E 01

GEOMETRIC MEAN = 1.50000E 01

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 25 (SR PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER - UPPER			CUM	FREQ	FREQ CUM
8.3E 01 - 1.2E 02		75	75	33.19	33.19
1.2E 02 - 1.8E 02		37	112	16.37	49.56
1.8E 02 - 2.6E 02		28	140	12.39	61.95
2.6E 02 - 3.8E 02		6	146	2.65	64.60

HISTOGRAM FOR COLUMN 25 (SR PPM)

1.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 1.5E 02 XXXXXXXXXXXXXXXX
 2.0E 02 XXXXXXXXXXXXX
 3.0E 02 XXX

N	L	H	B	T	G
0	80	0	0	0	0
0.0	35.40			0.0	0.0

ANALYTICAL
VALUES
146

MAXIMUM = 3.00000E 02

MINIMUM = 1.00000E 02

GEOMETRIC MEAN = 1.32422E 02

GEOMETRIC DEVIATION = 1.38340E 00

FREQUENCY TABLE FOR COLUMN 26 (V PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	0	0	0.0	0.0
3.8E 01 -	5.6E 01	0	0	0.0	0.0
5.6E 01 -	8.3E 01	0	0	0.0	0.0
8.3E 01 -	1.2E 02	0	0	0.0	0.0
1.2E 02 -	1.8E 02	11	11	4.87	4.87
1.8E 02 -	2.6E 02	152	163	67.26	72.12
2.6E 02 -	3.8E 02	62	225	27.43	99.56
3.8E 02 -	5.6E 02	1	226	0.44	100.00

HISTOGRAM FOR COLUMN 26 (V PPM)

1.5E 02 XXXXX

2.0E 02 XXX

3.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

5.0E 02

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

ANALYTICAL
VALUES
226

MAXIMUM = 5.00000E 02

MINIMUM = 1.50000E 02

GEOMETRIC MEAN = 2.21310E 02

GEOMETRIC DEVIATION = 1.22994E 00

FREQUENCY TABLE FOR COLUMN 27 (W PPM)

LIMITS
LOWER - UPPER

FREQ

FREQ
CUM

PERCENT
FREQ

PERCENT
FREQ CUM

ANALYTICAL
VALUES

N	L	H	B	T	G
226	0	0	0	0	0
*****	0.0			0.0	0.0

MAXIMUM = -9.99900E 48

MINIMUM = 9.99900E 48

GEOMETRIC MEAN = 9.99900E 48

GEOMETRIC DEVIATION = 9.99900E 48

FREQUENCY TABLE FOR COLUMN 28 (Y PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00	1.2E 01	5	5	2.21	2.21
1.2E 01	1.8E 01	68	73	30.09	32.30
1.8E 01	2.6E 01	132	205	58.41	90.71
2.6E 01	3.8E 01	21	226	9.29	100.00

HISTOGRAM FOR COLUMN 28 (Y PPM)

1.0E 01 XX

1.5E 01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 01 XX

3.0E 01 XXXXXXXXX

N	L	H	8	T	G	ANALYTICAL
0	0	0	0	0	0	VALUES
0.0	0.0			0.0	0.0	226

MAXIMUM = 3.00000E 01

MINIMUM = 1.00000E 01

GEOMETRIC MEAN = 1.87556E 01

GEOMETRIC DEVIATION = 1.24169E 00

FREQUENCY TABLE FOR COLUMN 29 (ZN PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
1.8E 02 -	2.6E 02	6	6	2.65	2.65
2.6E 02 -	3.8E 02	1	7	0.44	3.10

HISTOGRAM FOR COLUMN 29 (ZN PPM)

2.0E 02 XXX

3.0E 02

N	L	H	B	T	G	ANALYTICAL VALUES
17	202	0	0	0	0	7
7.52	89.38			0.0	0.0	

MAXIMUM = 3.00000E 02

MINIMUM = 2.00000E 02

GEOMETRIC MEAN = 2.11926E 02

GEOMETRIC DEVIATION = 1.16573E 00

FREQUENCY TABLE FOR COLUMN 30 (ZR PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E 00 -	1.2E 01	0	0	0.0	0.0
1.2E 01 -	1.8E 01	0	0	0.0	0.0
1.8E 01 -	2.6E 01	0	0	0.0	0.0
2.6E 01 -	3.8E 01	1	1	0.44	0.44
3.8E 01 -	5.6E 01	0	1	0.0	0.44
5.6E 01 -	8.3E 01	6	7	2.65	3.10
8.3E 01 -	1.2E 02	63	70	27.88	30.97
1.2E 02 -	1.8E 02	81	151	35.84	66.81
1.8E 02 -	2.6E 02	54	205	23.89	90.71
2.6E 02 -	3.8E 02	21	226	9.29	100.00

HISTOGRAM FOR COLUMN 30 (ZR PPM)

7.0E 01 XXX

1.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXX

1.5E 02 XXXXXXXXXXXXXXXXXXXXXXXXXX

2.0E 02 XXXXXXXXXXXXXXXXXXXXXXXXXX

3.0E 02 XXXXXXXXXX

N	L	H	B	T	G
0	0	0	0	0	0
0.0	0.0			0.0	0.0

ANALYTICAL
VALUES
226

MAXIMUM = 3.00000E 02

MINIMUM = 3.00000E 01

GEOMETRIC MEAN = 1.48911E 02

GEOMETRIC DEVIATION = 1.44984E 00

FREQUENCY TABLE FOR COLUMN 31 (AU PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER -	UPPER		CUM	FREQ	FREQ CUM
1.8E-02 -	2.6E-02	0	0	0.0	0.0
2.6E-02 -	3.8E-02	0	0	0.0	0.0
3.8E-02 -	5.6E-02	1	1	0.44	0.44
5.6E-02 -	8.3E-02	2	3	0.88	1.33
8.3E-02 -	1.2E-01	0	3	0.0	1.33
1.2E-01 -	1.8E-01	0	3	0.0	1.33
1.8E-01 -	2.6E-01	1	4	0.44	1.77
2.6E-01 -	3.8E-01	0	4	0.0	1.77
3.8E-01 -	5.6E-01	1	5	0.44	2.21

HISTOGRAM FOR COLUMN 31 (AU PPM)

7.0E-02 X

1.0E-01

1.5E-01

2.0E-01

3.0E-01

5.0E-01

N	L	H	B	T	G
0	221	0	0	0	0
0.0	97.79			0.0	0.0

ANALYTICAL
VALUES
5

MAXIMUM = 4.00000E-01

MINIMUM = 4.00000E-02

GEOMETRIC MEAN = 1.02871E-01

GEOMETRIC DEVIATION = 2.63663E 00

FREQUENCY TABLE FOR COLUMN 32 (HG PPM)

LIMITS		FREQ	FREQ	PERCENT	PERCENT
LOWER	UPPER		CUM	FREQ	FREQ CUM
8.3E-03	1.2E-02	0	0	0.0	0.0
1.2E-02	1.8E-02	0	0	0.0	0.0
1.8E-02	2.6E-02	0	0	0.0	0.0
2.6E-02	3.8E-02	0	0	0.0	0.0
3.8E-02	5.6E-02	0	0	0.0	0.0
5.6E-02	8.3E-02	13	13	5.75	5.75
8.3E-02	1.2E-01	49	62	21.68	27.43
1.2E-01	1.8E-01	55	117	24.34	51.77
1.8E-01	2.6E-01	54	171	23.89	75.66
2.6E-01	3.8E-01	29	200	12.83	88.50
3.8E-01	5.6E-01	10	210	4.42	92.92
5.6E-01	8.3E-01	5	215	2.21	95.13
8.3E-01	1.2E 00	5	220	2.21	97.35
1.2E 00	1.8E 00	3	223	1.33	98.67
1.8E 00	2.6E 00	1	224	0.44	99.12
2.6E 00	3.8E 00	1	225	0.44	99.56

HISTOGRAM FOR COLUMN 32 (HG PPM)

7.0E-02 XXXXXX

1.0E-01 XXXXXXXXXXXXXXXXXXXXX

1.5E-01 XXXXXXXXXXXXXXXXXXXXX

2.0E-01 XXXXXXXXXXXXXXXXXXXXX

3.0E-01 XXXXXXXXXXXXX

5.0E-01 XXXX

7.0E-01 XX

1.0E 00 XX

1.5E 00 X

2.0E 00

3.0E 00

N	L	H	B	T	G	ANALYTICAL
0	0	0	0	0	1	VALUES
0.0	0.0			0.0	0.44	225

MAXIMUM = 3.00000E 00

MINIMUM = 6.00000E-02

GEOMETRIC MEAN = 1.89159E-01

GEOMETRIC DEVIATION = 1.95220E 00

IN THE COMPUTATIONS PERFORMED TO PRODUCE THE FOLLOWING TABLE OF GEOMETRIC MEANS AND DEVIATIONS, ALL ELEMENTS ARE IGNORED WHERE ONE OR MORE OF THE UNQUALIFIED DATA VALUES IS LESS THAN THE ANALYTICAL LIMIT OF DETECTION SPECIFIED ON INPUT OR WHERE ANY DATA VALUES ARE QUALIFIED WITH THE G (GREATER THAN) CODE. DATA VALUES QUALIFIED WITH B OR H ARE NOT USED IN THE COMPUTATIONS. WHERE NONE OF THE DATA VALUES FOR AN ELEMENT ARE QUALIFIED THE MEAN AND DEVIATION SHOULD BE THE SAME AS THOSE GIVEN IN THE PRECEDING SECTION. WHERE DATA ARE QUALIFIED WITH THE CODES N, L, OR T, THE ESTIMATES OF GEOMETRIC MEAN AND DEVIATION ARE BASED ON A METHOD BY A. J. COHEN FOR TREATING CENSORED DISTRIBUTIONS. THE APPLICATION OF THIS METHOD TO GEOCHEMICAL PROBLEMS IS DESCRIBED IN USGS PROFESSIONAL PAPER 574-B. THE ESTIMATES ARE UNBIASED IN A STRICT SENSE ONLY WHERE THE DATA ARE DERIVED FROM A LOGNORMAL PARENT POPULATION, BUT EXPERIMENTS HAVE SHOWN THAT LARGE DEPARTURES FROM THIS REQUIREMENT MAY NOT GREATLY INVALIDATE THE RESULTS ACCEPTANCE AND USE OF THE ESTIMATES, HOWEVER, IS THE RESPONSIBILITY OF THE INDIVIDUAL.

A470 STATISTICAL SUMMARY

DATE 6/ 9/70

ELEMENT	N	L	H	B	T	G	ANALYTICAL VALUES
FE PCT	0	0	0	0	0	0	226
MG PCT	0	0	0	0	0	0	226
CA PCT	0	0	0	0	0	0	226
TI PCT	0	0	0	0	0	5	221
MN PPM	0	0	0	0	0	0	226
AG PPM	216	7	0	0	0	0	3
AS PPM	218	3	0	0	0	0	5
AU PPM	226	0	0	0	0	0	0
B PPM	0	0	0	0	0	0	226
BA PPM	0	0	0	0	0	0	226
BE PPM	0	48	0	0	0	0	178
BI PPM	226	0	0	0	0	0	0
CD PPM	226	0	0	0	0	0	0
CO PPM	0	0	0	0	0	0	226
CR PPM	0	0	0	0	0	0	226
CU PPM	0	0	0	0	0	0	226
LA PPM	52	149	0	0	0	0	25
MO PPM	128	96	0	0	0	0	2
NB PPM	0	14	0	0	0	0	212
NI PPM	0	0	0	0	0	0	226
PB PPM	13	30	0	0	0	0	183
SB PPM	226	0	0	0	0	0	0
SC PPM	0	0	0	0	0	0	226
SN PPM	222	3	0	0	0	0	1
SR PPM	0	80	0	0	0	0	146
V PPM	0	0	0	0	0	0	226
W PPM	226	0	0	0	0	0	0
Y PPM	0	0	0	0	0	0	226
ZN PPM	17	202	0	0	0	0	7
ZR PPM	0	0	0	0	0	0	226
AU PPM	0	221	0	0	0	0	5
HG PPM	0	0	0	0	0	1	225

ELEMENT	GEOMETRIC MEAN	GEOMETRIC DEVIATION	REMARKS
FE PCT	6.479194	1.49	226 SAMPLES AND 226 ANALYTICAL VALUES.
MG PCT	1.093966	1.77	226 SAMPLES AND 226 ANALYTICAL VALUES.
CA PCT	0.396538	2.01	226 SAMPLES AND 226 ANALYTICAL VALUES.
TI PCT	*****	*****	5 GREATER THAN VALUES. NO COMPUTATIONS.
MN PPM	866.217773	1.85	226 SAMPLES AND 226 ANALYTICAL VALUES.
AG PPM	*****	*****	223 NOT DETECTED, LESS THAN, OR TRACE VALUES. 3 REPORTED VALUES. NO COMPUTATIONS.
AS PPM	*****	*****	221 NOT DETECTED, LESS THAN, OR TRACE VALUES. 5 REPORTED VALUES. NO COMPUTATIONS.
AU PPM	*****	*****	226 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
B PPM	87.268478	1.59	226 SAMPLES AND 226 ANALYTICAL VALUES.
BA PPM	619.135254	1.64	226 SAMPLES AND 226 ANALYTICAL VALUES.
BE PPM	1.032576	1.31	48 NOT DETECTED, LESS THAN, OR TRACE VALUES. 178 REPORTED VALUES.
BI PPM	*****	*****	226 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
CD PPM	*****	*****	226 NOT DETECTED, LESS THAN, OR TRACE VALUES. 0 REPORTED VALUES. NO COMPUTATIONS.
CO PPM	28.885468	1.46	226 SAMPLES AND 226 ANALYTICAL VALUES.
CR PPM	131.405792	1.42	226 SAMPLES AND 226 ANALYTICAL VALUES.
CU PPM	37.565109	1.57	226 SAMPLES AND 226 ANALYTICAL VALUES.
LA PPM	*****	*****	201 NOT DETECTED, LESS THAN, OR TRACE VALUES. 25 REPORTED VALUES. NO COMPUTATIONS.
MO PPM	*****	*****	224 NOT DETECTED, LESS THAN, OR TRACE VALUES. 2 REPORTED VALUES. NO COMPUTATIONS.
NB PPM	9.873948	1.05	14 NOT DETECTED, LESS THAN, OR TRACE VALUES. 212 REPORTED VALUES.
NI PPM	76.325546	1.37	226 SAMPLES AND 226 ANALYTICAL VALUES.

PB PPM	12.813153	1.63	43 NOT DETECTED, LESS THAN, OR TRACE VALUES.	183 REPORTED VALUES.
SB PPM	*****	*****	226 NOT DETECTED, LESS THAN, OR TRACE VALUES.	0 REPORTED VALUES. NO COMPUTATIONS.
SC PPM	17.209290	1.25	226 SAMPLES AND 226 ANALYTICAL VALUES.	
SN PPM	*****	*****	225 NOT DETECTED, LESS THAN, OR TRACE VALUES.	1 REPORTED VALUES. NO COMPUTATIONS.
SR PPM	99.676666	1.63	80 NOT DETECTED, LESS THAN, OR TRACE VALUES.	146 REPORTED VALUES.
V PPM	221.309219	1.23	226 SAMPLES AND 226 ANALYTICAL VALUES.	
W PPM	*****	*****	226 NOT DETECTED, LESS THAN, OR TRACE VALUES.	0 REPORTED VALUES. NO COMPUTATIONS.
Y PPM	18.755524	1.24	226 SAMPLES AND 226 ANALYTICAL VALUES.	
ZN PPM	*****	*****	219 NOT DETECTED, LESS THAN, OR TRACE VALUES.	7 REPORTED VALUES. NO COMPUTATIONS.
ZR PPM	148.910797	1.45	226 SAMPLES AND 226 ANALYTICAL VALUES.	
AU PPM	*****	*****	221 NOT DETECTED, LESS THAN, OR TRACE VALUES.	5 REPORTED VALUES. NO COMPUTATIONS.
HG PPM	*****	*****	1 GREATER THAN VALUES. NO COMPUTATIONS.	